

电工词汇(A-E)

A

- a. c .balance indicator,交流平衡指示器
- a. c. bridge,交流电桥
- a. c. current calibrator,交流电流校准器
- a. c. current distortion,交流电流失真
- a. c. induced polarization instrument,交流激电仪
- a. c. potentiometer,交流电位差计
- a. c. resistance box,交流电阻箱
- a. c. standard resistor,交流标准电阻器
- a. c. voltage distortion,交流电压校准器
- a. c. voltage distortion,交流电压失真
- Abbe comparator,阿贝比长仪
- aberration,象差
- ability of anti prerduced component,抗先还原物质能力
- ablative thickness transducer [sensor],烧蚀厚度传感器
- abrasion testing machine,磨损试验机
- absolute calibration,绝对法校准
- absolute coil,独立线圈
- absolute error,绝对误差
- (absolute)error of measurement,测量的（绝对）误差
- absolute gravimeter,绝对重力仪
- absolute gravity survey,绝对重力测量
- absolute humidity,绝对湿度
- absolute method,绝对法
- absolute moisture of the soil,土壤（绝对）湿度
- absolute pressure,绝对压力
- absolute(pressure transducer,绝对压力表
- absolute pressure transducer[sensor],绝对压力传感器
- absolute read-out,单独读出
- absolute resolution,绝对分辨率
- absolute salinity,绝对盐度
- absolute stability,绝对稳定性
- absolute stability of a linear system,线性系统的绝对稳定性
- absolute static pressure of the fluid,流体绝对静压
- absolute temperature scale,绝对温标
- absorbance,吸光度
- absorbed current image,吸收电流象
- absorptance,吸收比
- absorptiometer,吸收光度计
- absorption cell,吸收池

absorption coefficient,吸收系数
absorption correction,吸收修正
absorption edges,吸收边
absorption factor,吸收系数
absorption hygrometer,吸收湿度表
absorption spectrum,吸收光谱
absorption X-ray spectrometry,吸收 X 射线谱法
absorptivity,吸收率
absorptivity of an absorbing,吸收材料的吸收率
abstract system,抽象系统
abundance sensitivity,丰度灵敏度
AC-ACLVD displacement transducer,交流差动变压器式位移传感器
accelerated test,加速试验
acceleration voltage,加速电压
acceleration,加速度
acceleration error coefficient,加速度误差系数
acceleration of gravity,重力加速度
acceleration simulator,加速度仿真器
acceleration transducer[sensor],加速度传感器
accelerometer,加速度计
acceptance of the mass filter,滤质器的接收容限
acceptance test,验[交]收检验
access,存取 access time,存取时间
accessibility,可及性
accessories of testing machine,试验机附件
accessory(for a measuring instrument), (测量仪表的) 附件
accessory hardware,附属硬件
accessory of limited interchangeability,有限互换附件
accumulated error,积累误差
accumulated time difference,累积时差
accumulative rain gauge,累积雨量器
accumulator,累加器
accuracy,精[准]准确度
accuracy class,精[准]准确度等级
accuracy limit factor(of a protective current transformer), (保护用电流互感器的) 精确度极限因数
accuracy of measurement,测量精[准]准确度
accuracy of the wavelength,波长精确度
accuracy rating,精确度限
acetylene(pressure)gauge,乙炔压力表
acetylene regulator,乙炔减压器
acoustic amplitude logger,声波幅度测井仪
acoustic beacon,水声信标
acoustic current meter,声学海流计

acoustic element,声学元件
acoustic emission,声发射
acoustic emission amplitude,声发射振幅
acoustic emission analysis system,声发射分析系统
acoustic emission detection system,声发射检测系统
acoustic emission detector,声发射检测仪
acoustic emission energy,声发射能量
acoustic emission event,声发射事件
acoustic emission preamplifier,声发射前置放大器
acoustic emission pulser,声发射脉冲发生器
acoustic emission rate,声发射率
acoustic emission signal processor[conditioner],声发射信号处理器
acoustic emission rate,声发射信号
acoustic emission source location and analysis system,声发射源定位及分析系统
acoustic emission source location system,声发射源定位系统
acoustic emission source,声发射源
acoustic emission spectrum,声发射频谱
acoustic emission technique,声发射技术
acoustic emission transducer[sensor],声发射换能器
acoustic fatigue,声疲劳
acoustic impedance,声阻抗
acoustic logging instrument,声波测井仪
acoustic malfunction,声失效
acoustic matching layer,声匹配层
acoustic(quantity)transducer[sensor],声（学量）传感器
acoustic ratio,声比
acoustic releaser,声释放器
acoustic resistance,声阻
acoustic thermometer,声学温度计； 声波温度表
acoustic tide gauge,回声验潮仪
acoustic transponder,声应答器
acoustical frequency electric,声频大地电场仪
acoustical hologram,声全息图
acoustical holography,声全息
acoustical holography by electron-beam scanning,电子束扫描声全息
acoustical holography by laser scanning,激光束扫描声全息
acoustical holography by mechanical scanning,机械扫查声全息
acoustical imaging by Bragg diffraction,布拉格衍射声成像
acoustical impedance method,声阻法
acoustical lens,声透镜
acoustically transparent pressure vessel,透声压力容器
acquisition time,取数据时间
actinometer,光能计； 直接日射强度表； 日射表
(active)energy meter,（有功）电度表

active gauge length,有效基长
active gauge width,有效基宽
active metal indicated electrode,活性金属指示电极
active remote sensing,主动遥感
active transducer[sensor],有源传感器
activity,活度 activity coefficient,活度系数
actual material calibration,实物校准
actual time of observation,实际观测时间
actual transformation ratio of voltage transformer,电压互感器的实际变化
actual transformation ratio of current transformer,电流互感器的实际变化
actual value,实际值
actual voltage ratio,实际电压比
actuator,执行机构; 驱动器
actuator bellows,执行机构波纹管
actuator load,执行机构负载
actuator power unit,执行机构动力部件
actuator sensor interface(ASI),执行器传感器接口
actuator shaft,执行机构输出轴
actuator spring,执行机构弹簧
actuator stem,执行机构输出杆
actuator stem force,执行机构刚度
actuator travel characteristic,执行机构行程特性
adaptation layer,适应层
adaptive control, (自) 适应控制
adaptive control system,适应控制系统
adaptive controller,适应控制器
adaptive prediction,适应预报
adaptive telemetering system,适应遥测系统
adder,加法器
addition method,叠加法
additional correction,补充修正
additivity of mass spectra,质谱的可迭加性
address,地址 adiabatic calorimeter,绝热式热量计
adjust buffer total ion strength,总离子强度调节缓冲剂
adjustable cistern barometer,动槽水银气压表
adjustable relative humidity range,相对湿度可调范围
adjustable temperature range,温度可调范围
adjusted retention time,调整保留时间
adjusted retention volume,调整保留体积
adjuster,调整机构; 调节器
adjustment,调整
adjustment bellows,调节波纹管
adjustment device,调整装置
adjusting pin,校正针

adsorbent, 吸附剂
adsorption chromatography, 吸附色谱法
aerial camera, 航空照相机
aerial remote sensing, 航空遥感
aerial surveying camera, 航摄影
aerodynamic balance, 空气动力学天平
aerodynamic noise, 气体动力噪声
aerograph, 高空气象计
aerogravity survey, 航空重力测量
aerometeorograph, 高空气象计
aerosol, 悬浮微粒; 气溶胶
aging of column, 柱老化
agitator, 搅拌器
agricultural analyzer, 农用分析仪
air-borne gravimeter, 航空重力仪
air capacitor, 空气电容器
air consumption, 耗气量
air damper, 空气阻尼器
air-deployable buoy, 空投式极地浮标
air-drop automatic station, 空投自动气象站
air duct, 风道
air gun, 空气枪
air inlet, 进风口
air lock, 气锁阀
air-lock device, 锁气装置
air outlet, 回风口
air pressure balance, 空气压力天平
air pressure test, 空气压力试验
air sleeve, 风(向)袋
air temperature, 气温
air-tight instrument, 气密式仪器仪表
air to close, 气关
air to open, 气开
airborne electromagnetic system; AEM system, 航空电磁系统
airborne flux-gate magnetometer, 航空磁通门磁力仪
airborne gamma radiometer, 航空伽玛辐射仪
airborne gamma spectrometer, 航空伽玛能谱仪
airborne infrared spectroradiometer, 机载红外光谱辐射计
airborne optical pumping magnetometer, 航空光泵磁力仪
airborne proton magnetometer, 航空甚低频电磁系统
airborne XBT, 机载投弃式深温计
airgun controller, 气控制器
airmeter, 气流表
alarm summery panel, 报警汇总画面

alarm unit,报警单元
albedograph,反射计
alcohol thermometer,酒精温度表
algorithm,算法 algorithmic language,算法语言
alidade,照准仪
alignment instrument,准线仪
alkali flame ionization detector(AFID),碱焰离子化检测器
alkaline error,碱误差
alkalinity of seawater,海水碱度
all-sky camera,全天空照相机
all-weather wind vane and anemometer,全天候风向风速计
allocation problem,配置问题; 分配问题
allowable load impedance,允许的负载阻抗
allowable pressure differential,允许压差
allowable unbalance,许用不平衡量
alpha spectrometer, α 粒子能谱仪
alternating[exchange]load,交变负荷
alternating-current linear variable differential transformer(AC-ACLVDVT), 交流极谱仪
alternating temperature humidity test chamber,交变湿热试验箱
altimeter,高度计
altitude angle,高度角
altitude meter,测高仪
ambient humidity range,环境湿度范围
ambient pressure,环境压力
ambient pressure error,环境压力误差
ambient temperature,环境
ambient temperature range,环境温度范围
ambient vibration,环境振动
ambiguity error,模糊误差
ammeter,电流表
ammonia(pressure)gauge,氨压力表
amount of precipitation,雨量
amount of unbalance,不平衡量
amount of unbalance indicator,不平衡量指示器
ampere-hour meter,安時計
amplitude,幅值
amplitude detector module,振幅检测组件
amplitude error,振幅误差
amplitude modulation(AM),幅度调制; 调幅
amplitude-phase error,幅相误差
amplitude ratio-phase difference instrument,振幅比—相位差仪
amplitude response,幅值响应
analog computer,模拟计算机
analog control,模拟控制

analog data,模拟数据
analog deep-level seismograph,模拟深层地震仪
analog input,模拟输入
analog magnetic tape record type strong-motion instrument,模拟磁带记录强震仪
analog model,模拟模型
analog output,模拟输出
analog seismograph tape recorder,模拟磁带地震记录仪
analog simulation,模拟仿真
analog stereopotter,模拟型立体测图仪
analog superconduction magnetometer,模拟式超导磁力仪
analog system,模拟系统
analog telemetering system,模拟遥测系统
analog-to-digital conversion accuracy,模-数转换精确度
analog-to-digital conversion rate,模-数转换速度
analog transducer[sensor],模拟传感器
analogue computer,模拟计算单元
analogue data,模拟数据
analogue measuring instrument,模拟式测量仪器仪表
analogue representation of a physical quantity,物理量的模拟表示
analogue signal,模拟试验
analogue-digital converter;A/D converter,模-数转换器; A/D 转换器
analogue-to-digital conversion,模/数转[变]换
analysis of simulation experiment,仿真实验分析
analytical balance,分析天平
analytical electron microscope,分析型电子显微镜
analytical gap,分析间隙
analytical instrument,分析仪器
analytical line,分析线
analytical plotter,解析测图仪
analyzer tube,分析管
anechoic chamber,消声室; 电波暗室
anechoic tank,消声水池
anemograph,风速计
anemometer,风速表
anemometer mast,测风杆
anemometer tower,测风塔
aneroid barograph,空盒气压计
aneroid barometer,空盒气压表; 空盒气压计
aneroidograph,空盒气压计
angle,角度
angle beam technique,斜角法
angle beam testing,斜角法
angle form,角型
angle of attach,冲角

angle of field of view, 视场角
angle of incidence, 入射角
angle of refraction, 折射角
angle of spread, 指向角; 半扩散角
angle of view of telescope, 望远镜视场角
angle of X-ray projection, X 射线辐射圆锥角
angle probe, 斜探头
angle resolved electron spectroscopy(ARES), 角分辨电子谱法
angle strain, 角应变
angle transducer[sensor], 角度传感器
angle-attack transducer[sensor], 迎角传感器
angle valve, 角形阀
angular acceleration, 角加速度
angular acceleration transducer[sensor], 角加速度传感器
angular displacement, 角位移
angular displacement, 角位移
angular displacement grating, 角位移光栅
angular encoder, 角编码器
angular sensitivity, 角灵敏度
angular velocity transducer[sensor], 角速度传感器
annular coil clearance, 环形线圈间隙
annular space, 环形间隙
annunciator, 信号源
anode, 阳极
answering, 应答
anti-cavitation valve, 防空化阀
anti-contamination device, 防污染装置
anti-coupling bi-frequency induced polarization instrument, 抗耦双频激电仪
anti-magnetized varistor, 消磁电压敏电阻器
antiresonance, 反共振
antiresonance frequency, 反共振频率
anti-stokes line, 反斯托克线
aperiodic damping, 非周期阻尼; 过阻尼
aperiodic vibration, 非周期振动
aperture, 光阑
aperture of pressure difference, 压差光阑
aperture photographic method, 针孔摄影法
aperture stop, 孔径光阑
aperture time, 空隙时间
apparatus for measuring d.c.magnetic characteristic with ballistic galvanometer, 冲击法直流磁特性测量装置
apparent temperature, 表观温度
appearance potential, 出现电位
appearance potential spectrometer, 出现电热谱仪

appearance potential spectrometer(APS),出现电热谱法
application layer(AL),应用层
application layer protocol specification,应用层协议规范
application layer service definition,应用室服务定义
application software,应用软件
approval,批准
approximate absolute temperature scale,近似绝对温标
aqueous vapour,水汽
arc suppressing varistor,消弧电压敏电阻器
arctic buoy,极地浮标
area effect,面积影响
area location,区域定位
area of cross section of the main air flow,主送风方向横截面积
argon-ion gun,氩离子枪
annular chamber,环室
argon ionization detector,氩离子化检测器
arithmetic logic unit(ALU),算术逻辑运算单元
arithmetic mean,算术平均值
arithmetic weighted mean,算术加权平均值
arithmetical mean deviation of the(foughness)profile,(粗糙度) 轮廓的算术平均偏差
arm error,不等臂误差
armature,动铁芯
array,阵, 阵列
array configuration,阵排列
arrester varistor,防雷用电压敏电阻器
articulated robot,关节型机器人
artificial defect,人工缺陷
artificial environment,人工环境
artificial field method instrument,人工电场法仪器
artificial intelligence,人工智能
artificial seawater,人工海水
ash fusion point determination meter,异步通信接口适配器
asynchronous input,异步输入
asynchronous transmission,异步传输
atmidometer,蒸发仪, 蒸发表
atmometer,蒸发仪; 蒸发表
atmoradiograph,天电强度计
atmosphere,气氛
atmospheric counter radiation,天气向下辐射
atmospheric electricity,大气电
atmospheric opacity,大气不透明度
atmospheric pressure,气压
atmospheric pressure altimeter,气压高度计
atmospheric pressure ionization(API),大气压电离

atmospherics,天电; 远程雷电
atom force microscope,原子力显微镜
atomic absorption spectrometry,原子吸收光谱法
atomic fluorescence spectrophotometer,原子荧光光度计
atomic fluorescence spectrometry,原子荧光光谱法
atomic mass unit,原子质量单位
atomic number correction,原子序数修正
atomic spectrum,原子光谱
atomic-absorption spectrophotometer,原子吸收分光光度计
atomization,原子化
atomizer,原子化器
attenuation,衰减
attenuation coefficient,衰减系数
attenuation length,衰减长度
attenuator,衰减器
attitude,姿态
attitude transducer[sensor],姿态传感器
audio monitor,监听器
audio-frequency spectrometer,声频频谱仪
audit,审核
Auger electron energy spectrometer(AEES),俄歇电子能谱仪
Auger electron image,俄歇电子象
Auger electron spectrometer,俄歇电子能谱仪
Auger electron spectroscopy(AES),俄歇电子能谱法
aurora,极光
auto-compensation logging instrument,电子自动测井仪
auto-compound current transformer,自耦式混合绕组电流互感器
auto-polarization compensator,自动极化补偿器
autocorrelation function,自相关函数
automatic a.c.,d.c.B-H curve tracer,交、直流磁特性自动记录装置
automatic balancing machine,自动平衡机
automatic control,自动控制
automatic control source of vacuum,真空自动控制电源
automatic control system,自动控制系统
automatic data processing,自动数据处理
automatic exposure device,自动曝光装置
automatic feeder for brine,盐水溶液自动补给器
automatic focus and stigmator,自动调焦和消象散装置
automatic level,自动安平水准仪
automatic levelling compensator,视轴安平补偿器
automatic/manual station;A/M station,自动/手动操作器
automatic programming,自动程度设计
automatic radio wind wane and anemometer,无线电自动风向风速仪
automatic railway weigh bridge,电子轨道衡

automatic scanning, 自动扫查
automatic spring pipette, 自动弹簧式吸液管
automatic testing machine, 自动试验机
automatic titrator, 自动滴定仪
automatic tracking, 自动跟踪
automatic vertical index, 竖直度盘指标补偿器
automatic weather station, 自动气象站
automation, 自动化
automaton, 自动机
auxiliary attachment, 辅件
auxiliary controller bus(ACB), 辅助控制器总线
auxiliary crate controller, 辅助机箱控制器
auxiliary devices, 辅助装置
auxiliary equipment(of potentiometer), (电位差计的) 辅助设备
auxiliary gas, 辅助气体
auxiliary output signal, 辅助输出信号
auxiliary storage, 辅助存储器
auxiliary terminal, 辅助端
auxiliary type gravimeter, 助动型重力仪
availability, 可用性
available time, 可用时间
average, 平均值
average availability, 平均可用度
average nominal characteristic, 平均名义特性
average sound level, 平均声级
average value of contamination, 污染的平均值
average wind speed, 平均风速
axial clearance, 轴向间隙
axial current flow method, 轴向通电法
axial load, 轴向载荷
axial sensitivity, 轴向灵敏度
axial vibration, 轴向振动
axis of rotation, 摆轴; 旋转轴
axis of strain gauge, 应变计[片]轴线

B

B-scope, B 型显示
back flushing, 反吹
background, 后台, 背景, 本底
background current, 基流
background mass spectrum, 本底质谱
background noise, 背景噪声
background processing, 后台处理
background program, 后台程度
Backman thermometer, 贝克曼温度计

backscattered electron image,背散射电子象
backward channel,反向信道
baffle wall,隔板
balance,天平
balance for measuring amount of precipitation,水量秤
balance output,对称输出
balance quality of rotor,转子平衡精度
balance wieght,平衡块
balanced plug,平衡型阀芯
balancing,平衡
balancing machine sensitivity,平衡机灵敏度
balancing machine,平衡机
balancing speed,平衡转速
ball pneumatic dead wieght tester,浮球压力计
ball screw assembly,滚珠丝杠副
ball valve,球阀
ballistic galvanometer,冲击栓流计
band,频带
bandwidth,带宽
band width of video amplifier,视频放大器频宽
bar primary bushing type current transformer,棒形电流互感器
barograph,气压计
barometer cistern,气压表水银槽
barometer,气压表
barometric correction,气压表器差修正
barometrograph,空盒气压计
barothermograph,气压温度计
barrel distortion,桶形畸变; 负畸变
base,基底
base line,基线
base peak,基峰
base unit(of measurement),基本(测量)单位
baseband LAM,基带局域网
baseline drift,基线漂移
baseline noise,基线噪声
baseline potential,空白电位
baseline value,空白值
basic NMR frequency,基本核磁共振频率
basic standard,基础标准
batch control,批量控制
batch control station,批量控制站
batch inlet,分批进样
batch of strain gauge,应变计[片]批
batch processing,成批处理

batch processing simulation,批处理仿真
Baud,波特
beam,横梁; 声速
beam deflector,电子束偏转器
beam path distance,声程
beam ratio,声束比
beam spot diameter,束斑直径
beam-deflection ultrasonic flowmeter,声速偏转式超声流量计
beam-loading thermobalance,水平式热天平
bearing,轴承; 刀承
bearing axis,轴承中心线
bearing support,支承架
beat frequency oscillator,拍频振荡器
beat method(of measurement),差拍(测量)法
Beaufort scale,蒲福风级
Beckman differential thermometer,贝克曼温度计
bed,机座
Beer' law,比尔定律
bell manometer,钟罩压力计
bell prover,钟罩校准器
bellows,波纹管
bellows(pressure)gauge,波纹管压力表
bellows seal bonnet,波纹管密封型上阀盖
bench mark,水准点
bending strength,弯曲强度
bending vibration,弯曲振动
bent stem earth thermometer,曲管地温表
Besson nephoscope,贝森测云器
betatron,电子回旋加速器; 电子感应加速器
bezel ring,盖环
bias voltage,偏压
bi-directional vane,双向风向标; 双风信标
bilateral current stabilizer,双向稳流器
bimetallic element,双金属元件
bimetallic instrument,双金属式仪表
bimetallic temperature transducer[sensor],双金属温度传感器
bimetallic thermometer,双金属温度计
binary coded decimal(BCD),二-十进制编码
binary control,二进制控制
binary digital,二进制数字
binary elastic scattering event,双弹性散射过程
binary elastic scattering peak,双弹性散射峰
binary element,二进制元
binary signal,二进制信号

biomedical analyzer, 生物医学分析仪
biochemical oxygen demand (BOD)microbial transducer[sensor], 微生物 BOD 传感器
biochemical oxygen demand meter for seawater, 海水生化需氧量测定仪
biochemical quantity transducer[sensor], 生化量传感器
biological quantity transducer[sensor], 生物量传感器
biosensor, 生物传感器
bird receiving system, 吊舱接收系统
bit, 比特; 位
bit error rate, 误码率
bit serial, 位串行
bit-serial higgway, 位串行信息公路
bivane, 双向风向标; 双风信标
black box, 未知框
black light filter, 透过紫外线的滤光片
black light lamp, 紫外线照射装置
blackbody, 黑体
blackbody chamber, 黑体腔
blackbody furnace, 黑体炉
bland test, 空白试验
balzed grating, 闪耀光栅
block, 块体; 字块; 字组; 均温块
block check, 块检验
block diagram, 方块(框)图
block length, 字块长度
block transfer, 块传递
blood calcium ion transducer[sensor], 血钙传感器
blood carbon dioxide transducer[sensor], 血液二氧化碳传感器
blood chloried ion transducer[sensor], 血氯传感器
blood electrolyte transducer[sensor], 血液电解质传感器
blood flow transducer[sensor], 血流传感器
blood gas transducer[sensor], 血气传感器
blood-group immune transducer[sensor], 免疫血型传感器
blood oxygen transducer[sensor], 血氧传感器
blood PH transducer[sensor], 血液 PH 传感器
blood potassium ion transducer[sensor], 血钾传感器
blood-pressure transducer[sensor], 血压传感器
blood sodium ion transducer[sensor], 血钠传感器
blood-volume transducer[sensor], 血容量传感器
blower device, 鼓风装置
bluff body, 阻流体
Bode diagram, 博德图
body temperature transducer, 体温传感器
bolometer, 辐射热计; 热副射仪
bomb head tray, 弹头托盘

honded strain gauge, 粘贴式应变计
bonnet, 上阀盖
boomerang grab, 自返式取样器
boomerang gravity corer, 自返式深海取样管
booster, 增强器
bore(of liquid-in-glass thermometer), (玻璃温度计的) 内孔
borehole acoustic television logger, 超声电视测井仪
borehole compensated sonic logger, 补偿声波测井仪
borehole gravimeter, 井中重力仪
borehole gravimetry, 井中重力测量
borehole thermometer, 井温仪
bottom echo, 底面反射波
bottom flange, 下阀盖
bottom-loading thermobalance, 下皿式热天平
bottom surface, 底面
Bouguer's law, 伯格定律
Bourdon pressure sensor, 弹簧管压力检测元件
Bourdon tube, 弹簧管; 波登管
Bourdon tube(pressure)gauge, 弹簧管压力表
box gauge, 箱式验潮仪
BP-scope, BP 型显示
Bragg's equation, 布拉格方程
braking time, 制动时间
braking torque(of an integrating instrument), (积分式仪表的) 制动力矩
branch, 分支
branch cable, 支线电缆
breakdown voltage rating, 绝缘强度
breakpoint, 断点
breather, 换气装置
bremsstrahlung, 韧致辐射
bridge, 桥接器
bridge's balance range, 电桥平衡范围
bright field electron image, 明场电子象
bridge for measuring temperature, 测温电桥
bridge resistance, 桥路电阻
brightness, 亮度
Brinell hardness number, 布氏硬度值
Brinell hardness penetrator, 布氏硬度压头
Brinell hardness tester, 布氏硬度计
broadband LAN, 宽带局域网
broad-band random vibration, 宽带随机振动
broad band spectrum, 宽波段
broadcast, 广播
BT-calibration installation, 深温计[BT]检定装置

bubble,水准泡
bubble-tube,吹气管
bucket thermometer,表层温度表
buffer,缓冲器
buffer solution,缓冲溶液
buffer storage,缓冲存储器
built-in galvanometer,内装式检流计
built-in-weights,挂码
bulb,温包; 感温泡
bulb(of filled system thermometer), (压力式温度计的) 温包
bulb(of liquid-in-glass thermometer), (玻璃温度计的) 感温泡
bulb length(of liquid-in-glass thermometer), (玻璃温度计的) 感温泡长度
bulk type semiconductor strain gauge,体型半导体应变计
bulk zinc oxide varistor,体型氧化锌电压敏电阻器
bump,连续冲击
bump test,连续冲击试验; 颠簸试验
bump testing machine,连续冲击台
buoy,浮标
buoy array,浮标阵
buoy float,浮标体
buoy motion package,浮标运动监测装置
buoy station,浮标站
buoyancy correction,浮力修正
buoyancy level measuring device,浮力液位测量装置
burden(of a instrument transformer), (仪用互感器的) 负载
burning method,燃烧法
burst acoustic emission signal,突发传输
bus,总线
bus line, 总线
bus master,总线主设备
bus mother board,总线母板
bus network,总线网
bus slave,总线从设备
bus topology,总线拓扑
bus type current transformer,母线式电流互感器
bushing type current transformer,套管式流互感器
busy,忙
busy state,忙碌状态
butterfly valve,蝶阀 by-pass,旁路
by-pass injector,旁通进样器
by-pass manifold,旁路接头
by-pass valve,旁通阀
Byram anemometer,拜拉姆风速表
byte,字节

byte frame,字节帧
byte serial,字节串行
byte-serial highway,字节串行住信处公路
C
C-scope,C 型显示
cabinet ,柜
cable noise,电缆噪声
cable-tension transducer,电缆张力传感器
cable type current transformer,电缆式电流互感器
cage,套筒；潜水罐笼
cage guiding,套筒导向
cake adhesive retention meter,泥饼粘滞性测定仪
calculated maximum flow coefficient,最大计算流量系数
calculated normal flow coefficient,正常计算流量系数
calibrate,定标
calibrated measuringpvolumetric]tank,校准测量[容积计量]容器
calibrating period,校准周期
calibrating voltage,校准电压
calibration,校准
calibration (of thermometer),（温度计的）标定
calibration block,标准试块
calibration characteristics,校准特性；分度特性
calibration coefficient of wave height,波高校正系数
calibration component,校准组分
calibration curve,校准曲线；分度曲线
calibration cycle,校准循环
calibration equation,校准公式，分度公式
calibration equipment of reversing thermometers,颠倒温度表检定设备
calibration factor of the primary device,一次装置的校准系数
calibration gas mixture,校准混合气
calibration hierarchy,校准层次
calibration point,校准点；分度点
calibration quantity,校准量
calibration record,校准记录
calibration rotor,标定转子
calibration solution,校准液
calibration table,校准表（格）
calibration traceability,校准溯源性
calibrator,校验器
calibrator above ice-point,零上检定器
calibrator below ice-point,零下检定器
calibrator for ice-point,零点检定器
caliper profiler,横幅厚度计
calling,呼叫

calomel electrode,甘汞电极
calorifier,加热器
calorimeter,热量计
cam bezel ring,卡口式盖环
CAMAC branch driver,CAMAC 分支驱动器
CAMAC branch-highway,CAMAC 分支信息公路
CAMAC compatible crate,CAMAC 兼容机箱
CAMAC crate,CAMAC 机箱
CAMAC crate assembly,CAMAC 机箱装置
CAMAC highway,CAMAC 信息公路
CAMAC module,CAMAC 模块
CAMAC operation,CAMAC 操作
CAMAC parallel highway,CAMAC 并行信息公路
CAMAC serial driver,CAMAC 串行驱动器
CAMAC serial highway,CAMAC 串行信息公路
CAMAC system,CAMAC 系统
camera length,相机长度
camflex valve,偏心旋转阀
Campbell-stokes sunshine recorder,聚集日照计; 歇贝斯托克日照计
canonical state variable,规范化状态变量
capacitance balance,电容平衡
capacitance hygrometer,电容湿度计
capacitance pressure transducer,电容式压力传感器
capacity correction,容量修正
capacity factor,容量因子
capillary column,毛细管柱
capillary gas chromatograph,毛细管气相色谱仪
capillary gas chromatography,毛细管气相色谱法
capillary phenomenon,毛细现象
capillary tube (of liquid-in-glass thermometer),(玻璃温度计的) 毛细管
capillary viscometer,毛细管粘度计
capsule,膜盒
capsule(pressure)gauge,膜盒压力表
captive chains calibration,链码校准
carat balance,克拉天平
carbon and hydrogen analysis meter,碳氢元素分析仪
carbon humidity-dependent resistor,碳湿敏电阻器
card punch,卡片穿孔机
card reader,卡片阅读机
Carlson type strain gauge,卡尔逊应变计
carrier,载波
carrier gas,载气
carrier ring,夹持环
carrier sense,载波侦听

carrier sense multiple access with collision detection(CSMA/CD), 具有冲突检测的载波侦听多路访问

carrier sync,载波同步

cartridge disk,盒式磁盘

cartridge disk drive,盒式磁盘机

cascade control,串级控制

cascade system,串级系统

cascade[inductive]voltage transformer,级联式[感应式]电压互感器

case,外壳

casing,外壳

cassette,盒式磁带; 卡式磁带; 暗盒

catadioptric telescope,折反射望远镜

catalysis element,催化元件

catalytic analyzer,催化分析器

catalytic chromatography,催化色谱法

catalytic gas transducer[sensor],催化式气体传感器

cathode,阴极

cathode of electron gun,电子枪阴极

cathode ray null indicator,阴极射线指零仪

cavitation,空化

cavitation corrosion,气蚀

cavitation noise,空化噪声

ceilometer,云幕仪

cell,电池; 传感器

cell constant,电池常数

cell potential transducer[sensor],细胞电位传感器

Celsius,摄氏度

Celsius temperature,摄氏温度

Celsius temperature scale,摄氏温标

center of strike,打击中心

central conductor method,中心导体法; 电流贯通法

central principal inertia axis,中心主惯性轴

central processing unit(CPU),中央处理单元

central processor,中央处理器

centrality,集中性

centralized control,集中控制

centralized intelligence,集中智能

centralized management system,集中管理系统

centralized network,集中式网络

centralized process control computer,集中型过程控制计算机

centrifugal balancing machine,离心力式平衡机

centrifugal tachometer,离心式转速表

ceramic microphone,陶瓷传声器

ceraunograph,雷电计

ceraunometer,雷电仪
certificate of conformity,合格证书
certificate of control,控制证书
certification,认证
certification of conformity of an instrument for explosive atmosphere,防爆合格证
certification system,认证体系
certified standard material,有证标准物质
chained list,链接表
change of temperature test,温度变化试验
channel,信道；通道
character,字符
character code,字符码
character recognition,字符识别
character set,字符集；字符组
character-at-time printer,一次一字符打印机[印刷机]；串行打印机
characteristic curve,特性曲线
characteristic "fast",“快”特性
characteristic "impulse",“脉冲”响应特性
characteristic "slow",“慢”特性
characteristic locus,特征轨迹
characteristic impedance,特性阻抗
characteristic X-ray,特征 X 射线
charge amplifier,电荷放大器
charge neutralization,电荷中和
charge sensitivity,电荷灵敏度
chart,记录纸
chart driving mechanism,传纸机构
chart lines,记录纸分度线
chart scale length,记录纸标度尺长度
closed loop transfer function,闭环传递函数
closed loop zero,闭环零点
closed position,关闭位置
closed system,封闭系统
closing valve time,关阀时间
closure member,截流件
cloud amount,云量
cloud balancer,测支平衡器
cloud base,云底
cloud chamber,云室；云零室
cloud detection radar,测云雷达
cloud direction,云向
cloud height indicator,云高指示器
cloud height meter,云幕仪
cloud searchlight,云幕灯

cloud speed,云速
cloud top,云顶
cloud-base recorder,云底记录仪
cloud-drop sampler,云滴取校器
cloudiness radiometer,云辐射仪
cloverleaf buoy,三叶浮标
Coanda effect,附壁效应
coarse vacuum,粗真空; 前级真空
coastal zone color scanner(CZCS),海岸带水色扫描仪
coaxiality,同轴度 code,代码; 代号; 规程; 规范
code converter;D/D converter,代码转换器; D/D 转换器
coded circle,编码度盘
code-transparent data communication,代码透明的数据通信
coefficient of chromatic aberration,色差系数 coefficient of interference,干扰系数 coefficient of radial distortion,径向畸变系数
coefficient of rotational distortion,旋转畸变系数
coefficient of spherical aberration,球差系数
coefficient of variation,变异系数
coercivity meter,矫顽力计
coil galvanometer,线圈式振动子
coil method,线圈材料
coil method,线圈法
coincidence discrimination,符合鉴别
coincidence level,度盘合像装置
cold test,寒冷试验
cold-cathode source,冷阴极离子源
collate,整理
collector,集电器
collector slit,接收器狭缝
collimation axis,视轴
collimation line,视准线
collision,冲突, 碰撞
collisional activation,碰撞激活
collisional activation mass spectrometer,碰撞激活质谱计
colorimeter,比色计; 色度计
colour filter,颜色滤光片
colour meter,水色计
column,镜筒
column capacity,柱效能
column life,柱寿命
column-parity field,列奇偶校验字段
column switching,柱切换
coma,彗差
combination digital logger,数字式综合测井仪

combination electrode,复合电极
combination logging instrument,组合测井仪
combination water meter,复式水表
combined column,复合柱
combined load testing machine,得合试验机
combined pressure and vacuum gauge,压力真空表
combined test,综合试验
combined test cabinet,综合试验箱
command,命令
command accepted,命令接受
command message,命令报文
command operation,命令操作
command-reply transaction,命令—回答事务
commissioning test,运行试验
common control signals,公共控制信号
common magnet galvanometer,共磁式振动子
common mode rejection,共模抑制
common mode rejection ratio(CMRR),共模抑制比
common mode signal,共模信号
common mode voltage,共模电压
communication subnet,通信子网
communication system,通信系统
communications terminal,通信终端
commutation error,换码误差
commutation point,转码点
comparative read-out,比较读出
comparator,比较器
comparator coil,比较线圈
compare,比较
comparing element,比较元件
comparison calibration,比较法校准
comparison method of calibrating thermocouple,热电偶比较检定法
comparison method of calibration,比较法标定
comparison(method of)measurement,比较测量法
comparison standard,比较标准器
comparison value,比较值
compass,罗盘(仪)
compass theodolite,罗盘经纬仪
compatibility,兼容性; 相容性
compensated micromanometer,补偿微压计
compensated pyrgeliometer,补偿直接日射强度表
compensated scale barometer,定槽水银气压表
compensating element,补偿元件
compensating error of automatic vertical index,竖直度盘指标补偿误差

compensating extension lead, 补偿型延长导线
compensating gauge, 补偿计 (片)
compensating setting error of leveling compensator, 视轴安平补偿误差
compensation, 补偿
compensation density logger, 补偿密度测井仪
compensation neutron logger, 补偿温度范围
compensation type airborne electromagnetic instrument, 补偿式航电仪
compensator, 补偿器
compensator level, 自动安平水准仪
compiler, 编译程序
compiler generator, 编译程序的生成程序
complementary gas, 附加气
complementary(method of)measurement, 互补测量 (法)
complete controllability, 完全可控性; 完全能控性
complete failure, 完全失效
complete immersion thermometer, (完)全浸(没)温度计
complete observability, 完全可观测性; 完全能观测性
complete set up for chemical oxygen demand determinations in seawater, 海水化学耗氧量测定系统
complex radiation, 复电阻率仪
complex system, 复杂系统
complexation chromatography, 络合色谱法
component proton magnetometer, 分量质子磁力仪
component superconducting magnetometer, 超导分量磁力仪
composite control, 组合控制
composite error, 合成误差
composite test, 组合试验
composite-temperature-compensation strain gauge, 组合温度补偿应变计
composition deviation transmitter, 成分(偏差)变送器
compound control, 复全控制
compound control system, 复合控制系统
compound oxide series gas sensor, 复合氧化物系气敏元件
compound system, 复合系统
compound-wound current transformer, 混合绕组电流互感器
compressibility factor, 压缩系数
compression force, 压缩力
compression plate, 压板
compression testing machine, 压力试验机
compressive strength, 压缩强度
compressive stress, 压应力
computer aided analysis, 计算机辅助分析
computer aided control engineering, 计算机辅助控制工程
computer aided debugging, 计算机辅助故障诊断
computer aided design, 计算机辅助设计

computer aided design of control system, 控制系统计算机辅助设计
computer aided engineering, 计算机辅助工程
computer aided manufacturing, 计算机辅助制造
computer aided planning, 计算机辅助规划
computer aided production planning, 计算机辅助生产计划
computer aided quality control, 计算机辅助质量控制
computer aided quality management, 计算机辅助质量管理
computer aided researching and developing, 计算机辅助研究开发
computer aided testing, 计算机辅助测试
computer and computing hardware, 计算机和计算硬件
computer assisted management, 计算机辅助管理
computer auto-manual station, 计算机自动/手动操作器
Computer Automated Measurement and Control, (CAMAC), 计算机自动测量和控制
computer control, 计算机控制
computer control system, 计算机控制系统
computer integrated manufacturing system, 计算机集成[综合]制造系统
computer network, 计算机网络
computer simulation, 计算机仿真
computer system, 计算机系统
concave grating, 面光栅
concentrating flux plate, 导磁板
concentrating flux sleeve, 导磁套
concentration, 浓度
concentration cell, 浓度电池
concentration of tracer, 示踪物浓度
concentration sensitive detector, 浓度敏感型检测器
concentric orifice plate, 同心孔板
condensation, 凝露
condenser lens, 聚光镜
condenser microphone, 电容传声器
condition, 状态; 条件
conditional instability, 条件不稳定性
conditional stability of a linear system, 线性系统的条件稳定性
conditionally stable system, 条件稳定系统
conditioning, 调节; 环境负荷
conductance, 电导
conducting electrical instrument, 传导类电法仪器
conductive gas transducer[sensor], 电导式气体传感器
conductive level transducer[sensor], 电导式物位传感器
conductivity, 电导率
conductivity cell, 电导池
conductivity instrument, 电导率仪器
conductivity sensor, 电导率传感器
conductometer, 电导仪

conductometric analysis,电导分析(法)
conductometric analyzer,电导式分析器
conductometric titration,电导滴定
cone plug,圆锥形阀芯
cone-and-float flowmeter,盘塞式流量计
cone-and-float flowmeter,浮子流量计
cone-plate viscometer,锥—板粘度计
confidence level,置信水平
confidence limits,置信界限
configuration,配置; 组态
configuration of hardware,硬件的配置
conformance test,合格试验
conformance testing,一致性测试
conformity,一致性
conformity certification,合格认证
conformity error,一致性误差
conical bearing,锥形支承
conical entrance orifice plate,锥形入口孔板
connecting link,连杆
connecting resistance(for potential), (电位) 连接电阻
connecting wire error,连接线误差
connector,接插件
consistency,一致性
consistency check,相容性检验
consistency transmitter,浓度变送器
console, 操纵台
console printer,控制台打印机
constant bandwidth filter,恒定带宽滤波器
constant current power supply,恒流电源
constant-head flowmeter,恒定压头流量计
constant-level head tank,恒液位压头容器
constant of a measuring instrument,测量仪表[器具]的常数
constant-rate injection method,恒定速率注入法
constant state,恒定状态
constant-temperature method of reference junction,参比端恒温法
constant voltage/constant,恒压恒流交叠
constant voltage power supply,恒压电源
constriction(of liquid-in-glass thermometer), (玻璃温度计的) 缩喉
constructional hardware,结构硬件
consumer package,销售包装
contact anemometer,接触式风速表
contact controlled electric actuator,有触点电动执行机构
contact electric position transmitter,有触点位置发送器
contact electromotive force,接触电热势

contact head,触头
contact mercury barometer,电接点水银气压表
contact pads,接触垫
contact resistance,接触电阻
contact scanning method,接触法
correlation coefficient,相关系数
correlation length measuring instrument,相关式测长仪
correlative method INPUT system,相关对比法感应脉冲瞬变系统
corrosion,腐蚀
corrosion failure,腐蚀破裂
corrosion-proof instrument,防腐式仪器仪表
corrosion testing machine,腐蚀试验机
corrosive atmospheres test,腐蚀性大气试验
cosine collector,余弦收集器
cosine radiator,余弦辐射体
cost control,成本控制
cost-effectiveness analysis,费用效益分析
cost performance,性能价格比
costate variable,共态变量
coulometer,库伦表
coulometric analysis,电量分析(法)
coulometric analyzer,电量式分析器
coulometric titration,电量滴定
Coulomb interaction,库仑作用
count of acoustic emission event,声发射事件计数
counter type superconduction magnetometer,计数式超导磁力仪
counterweight,配重
counting anemometer,计数风速表
counting rate,计数率
counting rate meter,计数率计
counting-shallow-layer seismograph,计数型浅层地震仪
couplant,耦合剂; 耦合介质
couple unbalance,偶不平衡
coupled chamber method reciprocity calibration,耦合腔法互易校准
coupled modes,耦合振型
coupled simultaneous techniques,串接联用技术; 同时联合串用技术
coupled system,耦合系统
coupled vibration,耦合振动
coupler,耦合腔
crank balancing machine,曲轴平衡机
crack propagation strain gauge,裂纹扩展应变计
cracking pattern,碎裂图型
crate,机箱
crate address,机箱地址

crate controller,机箱控制器
crate controller type A1,A1 型机箱控制器
creep,蠕变恢复
creep rupture strength,持久强度；蠕变断裂强度
creep rupture strength testing machine,持久强度试验机
creep strength,蠕变强度
creep testing machine,蠕变试验机
creeping of aneroid barometer,空盒气压表的滞后现象
crest factor,峰值因数
critical damping,临界阻尼
critical evaporator,临界点干燥器
critical flow,临界流函数
critical flow measurement,临界流量测量
critical flow nozzle,临界流喷嘴
critical pressure differential,临界压差
critical pressure differential ratio,临界压差比
critical pressure ratio,临界压力比
critical resistance,临界电阻
critical speed,临界速度
critical stability,临界稳定性
critical stable state,临界稳定状态
critical temperature coefficient thermistor,临界温度系数热敏电阻器
critical temperature thermistor,临界温度热敏电阻器
critical value of precipitation rate of salt spray,盐雾沉降率界值
critical viscous damping,临界粘性阻尼
cross-beam,横梁
cross compiling/assembling,交叉编译/汇编
cross-correlation flowmeter,互相关流量计
cross-correlation function,互相关函数
cross lines timer,横线式时标
cross-section ionization detector,离子截面积检测器
crossover frequency,交越频率
crossover of electron gun,电子枪交叉点
crossover of load characteristic,负载特性交叠
crosstalk,串扰
CRT display device,CRT 显示器
CRT display terminal ,CRT 显示终端
cryogenic device,低温装置
cryostat,低温槽
crystal,振子；晶片；晶体
crystal grating,晶体光栅
crystal microphone,晶体传声器
crystal pressure transducer,晶体压力传感器
crystalline electrode,晶体电极

cup anemometer,风杯风速表
cupping testing machine,杯突试验机
current,海流
current bottle,漂流瓶
current center,电流中心
current circuit(of a measuring instrument), (测量仪表的) 电流电路
current constant,电流常数
current direction,海流方向; 电流方向
current error,电流比值差
current limiting threshold,限流阈 (值)
current line,测流绳
current matching transformer,电流匹配互感器
current meter,海流计; 流速计
current pole,测流标杆
current sensitivity,电流灵敏度
current stability,电流稳定度
current transformer,电流互感器
current velocity[speed],海流速度
cursor,光标
cursor positioning,光标定位
curvature of field,场曲
curvilinear ordinates recording instrument,曲线坐标记录仪
cut-off frequency,截止频率
cut-out,开孔
cyanometer,天空蓝度测定仪
cybernetic system,控制论系统
cybernetics,控制论
cycle,循环
cycle time,循环时间; 周期
cyclesound,往复探测器
cyclic damp heat test,循环湿热试验
cyclic load,循环负荷
cyclic redundancy check(CRC),循环冗余校验[检验]
cyclic remote control,循环遥控
cyclic strain,循环应变
cyclic stress,循环应力
cycloidal mass spectrometer,摆线质谱计
cylinder,气缸
cylinder efficiency,气缸效率
cylindrical array,柱面阵
cylindrical throat Venturi nozzle,圆筒形喉部文丘里喷嘴

D

D and D/2 pressure tappings,D 和 D/2 取压口

D-port,D 型端口
DC-DC LVDT displacement transducer,直流差动变压器式位移传感器
d.c.bridge for measuring high resistance,直流高阻电桥
d.c.bridge for measuring resistance,测量电阻用的直流电桥
d.c.comparator potentiometer,直流比较仪式电位差计
d.c.comparator type bridge,直流比较仪式电桥
d.c.potentiometer,直流电位差计
d.c.power voltage ripple,直流电源电压纹波
d.c.resistance box,直流电阻箱
d.c.resistor volt ratio box,直流电阻分压箱
d.c.voltage calibrator,直流电压校准器
Daly detector,戴利检测器
damped frequency,阻尼频率
damped natural frequency,阻尼固有频率
damped oscillation,阻尼振荡
damper,阻尼器
damping,阻尼
damping action,阻尼作用
damping characteristic,阻尼特性
damping constant,阻尼常数
damping deflection period,阻尼比
damping torque,阻尼力矩
damping torque coefficient,阻尼力矩系数
dangerous articles package,危险品包装
dark field electron image,暗场电子象
data,数据
data acquisition,数据采集
data acquisition equipment,数据采集设备
data acquisition station,数据采集站
data base,数据库
data base management system,数据库管理系统
data buoy system,数据浮标系统
data circuit,数据电路
data circuit-terminating equipment(DCE),数据电路终接设备
data communication,数据通信
data concentration,数据集中
data concentrator,数据集中分配器
data driven,数据驱动
data encryption,数据加密
data flow diagram,数据流图
data highway,数据公路
data integrity,数据完整性
data link,数据链路
data link layer(DLL),数据链路层

data link protocol specification,数据链路协议规范
data link service definition,数据链路服务定义
data logger,数据记录装置
data logging,数据记录
data network,数据网络
data preprocessing,数据预处理
data processing,数据处理
data processing system,数据处理器[机]
data set,数传机
data signalling rate,数据传信率
data sink,数据宿; 数据接收器
data source,数据源
data station,数据站
data terminal equipment,(DTE),数据终端设备
data transfer,数据传递
data transfer rate,数据传送率; 数据传输速率
data transmission,数据传输
data transmission interface,数据传输接口
dataway, (机箱) 数据路
dataway operation, (机箱) 数据路操作
dead band,死区
dead band error,死区误差
dead layer,死层
dead time,时滞; 死时
dead volume,死体积; 静容量
dead weight tester,活塞式压力计
dead zone,盲区
dead zone error,死区误差
debugging,调试
decade resistance box,十进电阻箱
decalibration,标定降级
decentrality,分散性
decentralization,分散化
decentralized control,分散控制
decentralized control system,分散控制系统
decentralized model,分散模型
decentralized robust control,分散鲁棒控制
decentralized stochastic control,分散随机控制
decision analysis,决策分析
decision model,决策模
decision program,决策程序
decision space,决策空间
decision support system,决策支持系统
decision table,判定表

decision theory, 决策(理)论
decision tree, 决策树
decrement ratio, 减幅比
deep sea instrument capsule, 深海仪器舱
defect, 缺陷
defining fixed point, 定义固定点
definition, 清晰度
deflecting torque, 偏转力矩
deflection, 挠度
deflection method, 偏位法
deflection period, 摆动周期
defocus contrast, 离焦衬度
dehumidification, 除湿
dehumidifier, 除湿器
delay distance, 滞后距离
delay time, 滞后时间
delayed echo, 迟到反射波
delayed telemetry, 延时遥测
delimiter bit, 定界位
delimiter byte, 定界定节
delta-T, 时间差; 时差
delta-T timing unit, 时差计时单元
demagnetization, 退磁
demagnetizer, 退磁机; 退磁装置
demagnetizing coil, 消磁线圈
demand, 请求
demand handling, 请求处理
demand message, 请求报文
democratic system, 民主系统
demodulation, 解调
demodulator, 解调器
densitometer, 密度计; 黑度计
density, 密度
density correction, 密度修正
density logger, 密度测井仪
density meter(of ionizing radiation), (电离辐射)密度计
density of heat flow, 热流密度
density of snow, 积雪密度
density(photographic), (照相的)黑度
density transducer[sensor], 密度传感器
depressor, 沉降器
depth bellows, 深波纹管
depth controller, 深度控制器
depth of field, 景深

depth of focus, 焦深
depth of penetration, 穿透深度
depth of snow, 雪深
depth scan, 前后扫查
depth sounding, 测深
derivative absorption spectrum, 导数吸收光谱
derivative action; D-action, 微分作用; D-作用
derivative action coefficient, 微分作用系数
derivative action gain, 微分作用增益
derivative action time, 微分作用时间
derivative differential thermal analysis, 导数差示热分析
derivative differential thermal curve, 导数差示热曲线
derivative dilatometry, 导数膨胀法
derivative feedback, 微分反馈
derivative thermogravimetric curve, 导数热重曲线
derivative thermogravimetry, 导数热重法
derivative unit, 微分器
derived unit(of measurement), 导出(测量)单位
describing function, 描述函数
design automation, 设计自动化
design constant, 设计常数
design distance, 设计距离
design of simulation experiment, 仿真实验设计
designed immersion depth, 设计浸入深度
desired value, 预期值
desorption chemical ionization(DCI), 解吸化学电离
destination, 目的站
detectability, 可检测性; 能检测性; 检测能力
detectability(chromatographic), (色谱)检测限
detecting instrument, 检出器; 检测元件; 检波器
developer, 显示剂
development tank, 展开罐
deviation, 偏差
deviation alarm sensor, 偏差报警检测器
deviation from linearity, 偏离线性度
deviation of the e.m.f.(with respect to the certified value), 电动势的偏差值(相对于检定值)
device, 装置
Device Net, Device Net 总线; 装置网
dew cell, 露池
dew-point, 露点
dew-point hygroph, 露点计
dew point hygrometer, 露点湿度计; 露点湿度表
dew point temperature, 露点温度
dew point transducer[sensor], 露点传感器

dewgauge,露量表; 露量器
diagnostic function,诊断功能
diagnostic model,诊断模型
diagnostic program,诊断程序
diagonal beam,斜束
dial,标度盘
diameter,直径
diameter ratio,直径比
diamond array,菱形阵
diaphragm,膜片; 隔膜; 保护膜
diaphragm actuator,薄膜执行机构
diaphragm capsule,膜盒
diaphragm gas meter,膜式煤气表
diaphragm(pressure)gauge,膜片压力表
diaphragm pressure span,膜片压力量程
diaphragm-seal(pressure) gauge,隔膜压力表
diaphragm strain gauge,膜片式应变计
diaphragm valve,隔膜阀
dielectric amplitude induction logging instrument,幅度介电感应测井仪
dielectric phase induction logger,相位介电感应测井仪
difference absorption spectrum,差式吸引光谱
difference galvanometer,差动检流计
difference input,差分输入
differential amplifier,差动放大器
differential chromatography,差示色谱法
differential coil,差动线圈
differential detector,微分型检测器
differential dilatometry,差示热膨胀法
differential error of the slope,斜率的微分误差
differential galvanometer,差动检流计
differential gap,切换差
differential Manchester encoding,差分曼彻斯特编码
differential measurement,微差测量
differential measuring instrument,差动测量仪表
differential method of calibrating thermocouple,热电偶微差检定法
differential method of measurement,微差测量法
differential piston,差动活塞
differential preamplifier,差动前置放大器
differential pressure,差压
differential pressure devices,差压装置
differential pressure flow transducer[sensor],差压流量传感器
differential pressure flowmeter,差压流量计
differential(pressure)gauge,差压压力表
differential pressure level transducer[sensor],差压(式)物位传感器

differential pressure ratio,差压比
differential pressure transducer[sensor],差压传感器
differential read-out,差动读出
differential refraction detector,示差折光检测器
differential scanning calorimeter,差示扫描量热仪
differential scanning calorimetry(DSC),差示扫描量热法
differential thermal analysis(DTA),差(示)热分析
differential thermal analysis curve,差热曲线
differential thermal analysis in an isothermal environment, 等温环境下的差示热分析
differential thermal analysis meter,差示热分析仪; DTA 仪
differential thermal analyzer,差热)分析)仪
differential thermal curve,差示热曲线; DTA 曲线
differential thermocouple,差分热电偶; 差示热电偶
differential thermometric titration,差热滴定(法)
differential transducer,差动换能器
differential transformer,差动变压器
differential transformer displacement transducer, 差动变压器式位移传感器
(differential)transformer pressure transducer, (差动)变压器式压力传感器 diffraction grating,
衍射光栅
diffraction lens,衍射透镜
diffraction resolution,衍射分辨力
diffuse field,扩散声场
diffuse-field response of microphone, 传声器扩散声场频率响应; 传声器扩散场响应
diffuse-field sensitivity of microphone,传声器扩散场灵敏度
diffused dilicon semiconductor force meter,扩散硅式测力计
diffused silicon semiconductor force transducer,扩散硅式力传感器
diffused silicon semiconductor tensiometer,扩散硅式张力计 diffused type semiconductor strain
gauge,扩散型半导体应变计
diffusion current,扩散电流
diffusion pump,扩散泵
digital ammeter,数字电流表
digital communication,数字通信
digital compensation,数字补偿
digital computer,数字计算机
digital control,数字控制
digital control system,数字控制系统
digital controller,数字控制器
digital data,数字数据
digital data acquisition system,数字数据采集系统
digital data processing system,数字数据处理系统
digital deep-level seismograph,数字深层地震仪
digital displacement measuring instrument,数字式位移测量仪
digital displacement transducer,数字式位移传感器
digital electric actuator,数字式电动执行机构

digital feedback system, 数字反馈系统
digital filter, 数字滤波器
digital fluxmeter, 数字磁通表
digital frequency meter, 数字频率表
digital information processing system, 数字信息处理系统
digital input, 数字输入
digital integrating fluxmeter, 数字积分式磁通表
digital logging instrument, 数字测井仪
digital magnetic tape record type strong-motion instrument, 数字磁带记录强震仪 digital
magnetic telluro sounding instrument, 数字大地电磁测深仪
digital measuring instrument, 数字式测量仪器仪表
digital multimeter, 数字万用表; 数字复用表
digital ohmmeter, 数字电阻表
digital output, 数字输出
digital phase meter, 数字相位表
digital position transmitter, 数字式位置发送器
digital positioner, 数字式定位器
digital power driver, 数字功率表
digital pressure gauge, 数字压力表
digital readout, 数字读出
digital representation of a physical quantity, 物理量的数字表示
digital seismic recording system, 数字地震仪
digital signal, 数字信号
digital signal analyzer, 数字信号分析仪
digital signal processing, 数字信号处理
digital simulation, 数字仿真
digital simulation computer, 数字仿真计算机
digital strain indicator, 数字应变仪
digital system, 数字系统
digital telemetering system, 数字遥测系统
digital transducer[sensor], 数字传感器
digital valve, 数字阀
digital voltmeter, 数字电压表
digital-analog conversion, 数模转换
(digital-analog) hybrid computer, (数字模拟) 混合计算机
digital-analog simulator, 数字模拟仿真器
digital-analogue converter; D/A converter, 数一模转换器; D/A 转换器
digitalization error, 数字化误差
digitization, 数字化
digitization error, 数字化误差
digitizer, 数字化仪
dilatometry, 膨胀法
diluent gas, 稀释气
dilution factor, 稀释因数

dilution methods, 稀释法
dilution ratio[rate], 稀释比[率]
dimension, 尺度
dimension transducer[semsor], 尺度传感器
Dines anemometer, 达因风速表
dioptr, 视度
dip logger, 地层倾角测井仪
direct acting instrument, 直接作用仪表
direct acting recording instrument, 直流作用记录仪
direct action, 正作用
direct action solenoid valve, 直动式电磁阀
direct actuator, 正作用执行机构
direct-comparison method of measurement, 直接比较测量法
direct control layer, 直接控制层
direct-current linear variable differential transformer(DC-DC LVDT), 直流差动变压器 direct
digital control station , 直接数字控制站
direct digital control, 直接数字控制
direct heated type thermistor, 直热式热敏电阻器
direct-imaging mass analyser, 直接成像质量分析仪
direct injection burner, 直接注入燃烧器
direct injector, 直流进样器
direct method of measurement, 直接测量法
direct mounting gauge, 直接安装压力表
direct-operated regulator, 直接作用式调节阀；自力式调节阀
direct probe inlet, 直接探头进样
direct reading current meter, 直读式海流计
direct reading instrument, 直读式仪器
direct record strong-motion instrument, 直接记录式强震仪
direct resistance heating, 直接电阻加热
direction focusing, 方向聚焦
direction indicator, 中心指示器
direction mark meter, 方位标仪
directional frequency response of microphone, 传声器指向性频率响应
directional pattern of microphone, 传声器指向性图案
directivity, 指向性
directivity index of microphone, 传声器指向性指数
directly controlled system, 直接被控系统
directly controlled variable, 直接被控变量
director, 指挥站
disappearing-filament optical pyrometer, 隐丝式光学高温计
disc, 阀板
disc plug, 盘形阀芯
disc recorder, 圆盘(形)记录仪
discharge coefficient, 流出系数

discharge lamp, 放电灯
discontinuous control, 不连续控制
discontinuous control system, 不连续控制系统
discontinuous simultaneous techniques, 间歇联用技术; 不连续同时串用技术
discrete control system, 离散控制系统
discrete signal, 离散信号
discrete system model, 离散系统模型
discrete system simulation, 离散系统仿真
discrete system simulation language, 离散系统仿真语言
discriminant function, 判别函数
discrimination, 鉴别力
discrimination threshold, 鉴别力阈
diskette, 软磁盘
dispersion dose, 散射剂量
dispersion power, 色散本领
dispersive crystal, 分光晶体
dispersive infra-red gas analyzer, 色散红外线气体分析器
displacement, 位移
displacement development, 顶替展开法
displacement pickup, 位移传感器
displacement transducer[sensor], 位移传感器
displacement, velocity and acceleration shock response spectrum, 位移、速度和加速度冲击响应谱
display attribute, 显示属性
display console, 显示控制台
display device, 显示器; 显示设备
display element, 显示元件
display unit, 显示单元
dissipation constant, 耗散常数
dissipation power, 耗散功率
dissolved oxygen analyzer, 溶解氧分析器
dissolved oxygen analyzer for seawater, 海水溶解氧测定仪
dissolved oxygen of seawater, 海水中的溶解氧
distance amplitude compensation, 距离振幅补偿
distance amplitude curve, 距离振幅曲线
distance constant, 距离常数
distance factor, 距离系数
distance marker, 距离刻度
distance meter, 测距仪
distance of centre of gravity, 重心距
distorted peak, 畸峰
distortion, 失真; 畸变
distributed computer-control SDAS, 分布式遥测型数字地震仪
distributed computer control system, 分散型计算机控制系统; 分布式计算机控制系统

distributed control,分散控制; 分布控制
distributed control system,分散型控制系统; 分布式控制系统
distributed data base,分布式数据库
distributed intelligence,分散智能 distributed network,分布式网络
distributed parameter control system,分散[分布]参数控制系统
distributed telemetry SDAS,分布式遥测型数字地震仪
distribution temperature,分布温度
disturbance,扰动
dither,颤振
dithering,颤动
diverging three way valve,三通分流阀
diverter,换向器
diving bell,潜水钟
document. 文件; 文献
document. tion,文件管理; 文件集
domestic package,内销包装
dominant frequency,优势频率; 主频率
Doppler current meter,多普勒海流计
Doppler effect,多普勒效应
Doppler flowmeter,多普勒流量计
Doppler radar,多普勒雷达
Doppler sonar,多普勒声纳
dose,剂量
dose rate,剂量率
dose rate meter,剂量率计
dosemeter,剂量计
dot matrix printer,点阵式打印机
dot printer,点阵印刷机; 点阵打印机
dotted line recorder,断续线记录仪
dotting time,打点时间
double acting positioner,双作用定位器
double-beam mass spectrometer,双束质谱计
double beam spectrum radiator,双光束光谱辐射计
double bounce technique,二次反射法
double collectors,双接收器
double-cone viscometer,双锥粘度计
double crystal probe,双振子探头
double-dry calorimeter,双干式热量计
double-focusing mass spectroscope,双聚焦质谱仪器
double-focus X-ray tube,双焦点 X 射线管
double focusing,双聚焦
double focusing analyzer,双聚焦分析器
double focusing at all masses,全质量双聚焦
double-image tachometer,双像速测仪

double inlet system,双进样系统
double insulation,双重绝缘
double-junction SQUID magnetometer,双结磁强计
double-magnification imaging,双放大倍率成像法
double pan balance,双盘天平
double-pass internal reflection element,双通内反射元件
double-path ratio thermometer,双通道比色温度计
double-polarity method for calibrating thermocouple,热电偶双级检定法
double probe technique,热电偶双极检定法
double probe technique,双探头法
double tube mercury manometer,双管水银压力表
double tube thermometer,套管温度表
double vibration amplitude,双振幅
down time,停机时间
downhole instrument,下井仪器
downward(total)radiation,向下(全)辐射
downward terrestrial radiation,大气向下辐射
draft standard,标准草案
drag of towed vehicle,拖曳体阻力
drain holes,排泄孔
draught drying cabinet,电热鼓风干燥箱
drawing force,拉力
dredge,拖曳式采样器
drift,漂移
drift bottle,漂流瓶
drift card,漂流卡
drift plate drogue,漂流板
drifting buoy,漂流浮标
driving chart[paper]swaying,走纸偏差
driving device,驱动装置
driving torque,驱动力矩
drooping characteristic,下降特性
drop size meter,滴谱仪
drop test,跌落试验
dropping mercury electrode,滴汞电极
dropsonde,下投式探空仪
drosometer,露量表; 露量器
drum recorder,鼓形记录仪
dry air,干空气
dry bulb,干球
dry gas meter,干式气体表
dry heat test,干热试验
dry-bulb thermometer,干球温度表
drying cabinet on forced convection,电热鼓风干燥箱

drying oven,干燥箱
DSC curve,差示扫描量热曲线
DSC meter,差示扫描量热仪
DSC-TC,差示扫描量热仪/热天平
DTA range,DTA,范围; 差热分析范围
dual computer system,双并列计算机系统; 复式计算机系统
dual-flame ionization detector,双火焰离子化检测器
dual purpose voltage transformer,双重用途电压互感器
duet,对 (两个换能器的一种布置方式)
dump,转储
duoplasmatron ion source,双等离子体离子源
duplex(pressure)gauge,双工[双针]压力表
duplex transmission,双工传输
duplexed computer system,双计算机系统
durability,耐久性 duration,持续时间
duration of cycle,周期时间
duration of load,负荷保持时间
dust analyzer,尘量分析仪
dust counter,计尘器
dustproof instrument,防尘式仪器仪表
dustproof packaging,防尘包装
dust-proof solenoid valve,防尘型电磁阀
dwell time,停顿时间
dye marks,染色测流法
dye-penetrant testing method,着色渗透探伤法
dynamic accumulation error,动态累计误差
dynamic calibrator,动态校准器
dynamic characteristic calibrator,动态特性校准仪
dynamic characteristics,动态特性
dynamic deviation,动态偏差
dynamic display image,动态显示图象
dynamic error,动态误差
dynamic error coefficient,动态误差系数
dynamic gauging,动态容积测量法
dynamic load,动负荷
dynamic mass spectrometer instruments,动态质谱仪器
dynamic measurement,动态测量
dynamic microphone,电动传声器
dynamic model,动态模型
dynamic pressure,动压
dynamic pressure of fluid element,流体单元动压
dynamic pressure transducer[sensor],动态压力传感器
dynamic range,动态范围
dynamic range of microphone,传声器动态范围

dynamic resolution,动态分辨力
dynamic response,动态响应
dynamic SIMS,动态二次离子质谱法
dynamic standard strain device,动态标准应变装置
dynamic stiffness,动刚度
dynamic stiffnesss of the moving element suspension,运动部件悬挂动刚度
dynamic stiffenss ratio,动刚度比
dynamic storage allocation,动态存储分配
dynamic strain,动应变
dynamic strain indicator,动态应变仪
dynamic thermomechanical analysis,动态热机械分析
dynamic thermomechanical analysis apparatus,动态热机械分析仪
dynamic thermomechanometry,动态热机械法
dynamic(two-plane)balancing,动(双面)平衡
dynamic(two-plane)balancing machine,动(双面)平衡机 dynamic unbalance,动态不平衡
dynamic vane bias,风向标的动力偏幅
dynamic viscosity,动力粘度
dynamic water tank,动水槽
dynamic wieghing method,动态称重法
dynamometric system,测力系统

E

early failue,早期失效
earth leakage detector,接地漏电检示器
earth resistance meter,接地电阻表
earth resource technology satellite(ERTS),地球资源技术卫星
earthed input,接地输出
earthed voltage transformer,接地型电压互感器
ease of ignition,易起燃性
eccentric load,偏心载荷
eccentric orifice plate,偏心孔板
eccentricity of rotor,转子偏心距
echelon grating,阶梯光栅
echo,反射波; 回波
echo height,反射波高度
echo sounder,回声测深仪
ecobuoy,生态浮标
economic analysis,经济分析
economic control,经济控制
economic control theory,经济控制理论
economic cybernetics,经济控制论
economic data,经济数据
economic decision,经济决策
economic effectiveness,经济效益
economic environment,经济环境

economic evaluation,经济评价
economic forecast,经济预测
economic index,经济指数
economic indicator,经济指标
economic model,经济模型
economic system model,经济系统模型
eddy-current,涡流
eddy-current displacement vibration amplitude measuring instrument, 电涡流式位移振幅测量仪
eddy-current displacement vibration amplitude transducer,电涡流式位移振幅传感器 eddy
current inspection instrument,涡流探伤仪
eddy current testing method,涡流探伤法
eddy-current thickness meter,电涡流厚流计
eddy-current type transducer,涡流式传感器
eddy diffusion,涡流扩散
eddy velocity,涡动速度
edge effect,边缘效应
EDM instrument,电磁波测距仪
effective aperture,有效孔径
effective area,有效面积
effective data transfer rate,有效数据传送率
effective diaphragm area,膜片有效面积
effective emissivity,有效发射率
effective excitation force,有效激振力
effective magnetic field,有效磁场
effective mass of the moving element,运动部件有效质量
effective path length,有效光程长度
effective radiation exitance,有效辐(射)出(射)度
effective range,有效范围; 有效量限; 测量范围
effective sound pressure,有效声压
effectiveness,有效性
effectiveness theory,效益理论
efflux viscometer,流出式粘度计
egoless programming,无私程序设计
egoless programming,无私程序设计
EI-CI source,电子轰击—化学电离源
eigen frequency,特征频率
Ekman current meter,厄克曼海流计
elastic after-effect,弹性后效
elastic background,弹性元件
elastic limit,弹性极限
elastic scatter,弹性散射
elastic system,弹性系统
elasticity,弹性
elastomer diaphragm,橡胶膜片

electret microphone,驻极体传声器
 electric actuator,电动执行机构
 electric contact liquid-in-glass thermometer,电接点玻璃温度计
 electric contact set,电接点装置
 electric control,电动控制
 electric current transducer[sensor],电流传感器
 electric field controller,电场控制仪
 electric field strength transducer[sensor],电场强度传感器
 electric hydraulic converter,电—液转换器
 electric logger,电测井仪器
 electric measurement technique of strain gauge,应变计电测技术
 electric operation station,电动操作器
 electric pneumatic converter,位置发送器
 electric quantity transducer[sensor],电学量传感器
 electric resistance and dielectric constant measuring unit,电阻—静容量测量仪 electric system,电气系统
 electrical capacitance level measuring device,电容物位测量装置
 electrical center,电中心
 electrical conductance level measuring device,电导液闰测量装置
 electrical conductivity detector,电导检测器
 electrical hygrometer,电气湿度计；电测湿度表
 electrical(measurement)method,电测法
 electrical measurement method of optical pyrometer,光学高温计电测法
 electrical measuring instrument,电（工）测量仪器仪表；电法勘探仪器
 electrical power consumption ,（电） 功耗
 electrical resonance frequency of the moving element,运动部件电谐振频率
 electrical signal,电信号
 electrical thermometer,电测温度表
 electrical wind vane and anemometer,电传风向风速仪
 electrical zero,电零位；电零点
 electrical zero adjuster,电零位调节器；电零点调整器
 electrically heated drying cabinet,电热干燥箱
 electro-cardiography transducer[sensor],心电图（ECG）传感器
 electro-hydraulic servocontrolled fatigue testing machine,电液伺服疲劳试验机 electro-optical distance meter,光电测距仪
 electroacoustic transducer,电声换能器
 electroacoustical reciprocity theorem,电声互易定理
 electrochemical analysis,电化学分析（法）
 electrochemical analyzer,电化学式分析器
 electrochemical transducer[sensor],电化学式传感器
 electrode,电极
 electrode potential,电极电位
 electrode signal,电极信号
 electrode type salinometer,电极式盐度计

electrode with a mobile carrier,流动载体电极
electrodeless-discharge lamp,无极放电灯
electrodialysis method for desalination,电渗析淡化法
electrodynamic instrument,电动系仪表
electrodynamic meter,电动系电度表
electrodynamic vibrator,电动振动器
electroencephalographic transducer[sensor],脑电图 (EEG) 传感器
electrogravimetric analysis,电重量分析 (法)
electrohydraulic control,电液执行机构
electrohydraulic control,电液伺服阀
electrolysis humidity transducer[sensor],电解式湿度传感器
electrolytic cell,电解池
electrolytic hygrometer,电解湿度计
electromagnet,电磁铁
electromagnet damping galvanometer,电磁阻尼振动子
electromagnet fluid damping galvanometer,电磁液体阻尼振动子
electromagnetic brake,电磁制动器
electromagnetic braking,电磁制动
electromagnetic counter,电磁计数器
electromagnetic current meter,电磁海流计
electromagnetic damper,电磁阻尼器
electromagnetic deflector alignment system,电磁偏转对中系统
electromagnetic distance meter,电磁波测距仪
electromagnetic element,电磁元件
electromagnetic flowmeter,电磁流量计
electromagnetic gun,电磁枪
electromagnetic induction,电磁感应
electromagnetic interference,电磁感应法仪器
electromagnetic interference,电磁干扰
electromagnetic lens,电磁透镜
electromagnetic method instrument,电磁法仪器
electromagnetic methods,电磁法
electromagnetic radiation,电磁辐射
electromagnetic screen,电磁屏蔽
electromagnetic transducer[sensor],电磁式传感器
electromagnetic unit,电磁单元
electromagnetic vibrator,电磁振动器
electromagnetic wave propagation logging instrument,电磁波传播测井仪
electrometer,静电表
electromotive force(EMF),电 (动) 势
electromyographic transducer[sensor],肌电图 (EMG) 传感器
electron beam exposure apparatus,电子束曝光机
electron beam processing machine,电子束加工机
electron capture detector(ECD),电子捕获检测器
electron channelling pattern,电子通道花样

electron diffraction image,电子衍射象
electron diffractometer,电子衍射谱仪
electron energy lose spectroscopy(EELS),电子能量损失谱法
electron gun,电子枪
electron gun alignment adjustment,电子枪对中调节装置
electron image intensifier,电子象增强器
electron impact desorption(EID),电子轰击解吸
electron impact ion source;EI source,电子轰击离子源
electron induced desorption(EID),电子诱导解吸
electron lens,电子透镜
electron microscope,电子显微镜
electron mobility detector,电子适移率检测器
electron noise,电子噪声
electron lperation desk of EPMA,电子探针的电子操纵台
electron optical system of EPMA,电子探针的电子光学系统
electron optics,电子光学
electron paramagnetic resonance spectroscopy;EPR spectroscopy,电子顺磁共振波谱法
electron probe,电子探针
electron probe micro-analysis(EPMA)电子探针微分析
electron probe X-ray microanalyzer,电子探针 X 射线微区分析仪
electron spectrometer,电子能谱仪
electron type rock ore densimeter,电子式岩矿密度仪
electron wave length,电子波长
electron-beam atomizer,电子束原子化器
electron-diffraction method(EED),电子衍射法
electron-energy analyzer,电子能量分析器
electron-hole pairs,电子—空穴对
electronic analogue-to-digital converter,电子模/数转[变]换器
electronic automatic compensator,电子自动补偿仪
electronic balance,电子天平
electronic batching scale,电子配料秤
electronic bathythermograph(EBT),电子深温计
electronic belt conveyor scale,电子皮带秤
electronic counting scale,电子计数秤
electronic distance-meter theodolite,电子测距光学经纬仪
electronic fluxmeter,电子磁通表
electronic hoist[hanging] scale,电子吊秤
electronic hoist scale,电子料斗秤
electronic integrating fluxmeter,电子积分式磁通表
electronic level,电子水准仪
electronic measuring instrument,电子测量仪器仪表
electronic plane table equipment,电子平板仪
electronic platform scale,电子平台秤
electronic railway scale,电子轨道衡

electronic sampling switch,电子采样开关
electronic tacheometer,电子速测仪
electronic tesing machine,电子式试验机
electronic theodolite,电子经纬仪
electronic top-loading balance,电子上皿天平
electronic trunk scale,电子汽车秤
electrooculographic transducer[sensor],眼电图（EOG）传感器
electrophoresis,电泳法
electrophoresis meter,电泳仪
electropolisher,电解抛光机
electroretinographic transducer[sensor],视网膜电图（ERG）传感器
electroscope,验电器
electrosensitive printer,电灼式印刷机
electrosonde,电位探空仪
electrostatic actuator,静电激发器
electrostatic analyzer,静电分析器
electrostatic display recorder,静电显示记录仪
electrostatic electron microscope,静电电子显微镜
electrostatic emanometer,静电计式射气仪
electrostatic instrument,静电系仪表
electrostatic lens,静电透镜
electrostatic microphone,静电八极透镜
electrostatic printer,静电印刷机
electrostatic quadrupole lens,静电四极透镜
electrostatic screen,静电屏蔽
electrovolumetric analysis,电容量分析（法）
elemental error,单元误差
elevated temperature testing machine,高温试验机
elevated-zero range,零点提升范围
elevation,（海拔）高度
elevation of zero point of barometer,气压表零点高度
elliptical polarization instrument,椭圆极化仪
elliptical vibration,椭圆振动
elongation,伸长率
elongation rate,延伸率
elution,洗脱
elution chromatography,冲洗色谱法
emanation survey,射气测量
emanation thermal analysis,放射（性）热分析
emanation thermal analysis apparatus,放射热分析仪
emanometer,测氦仪；射气仪
embedded strain gauge,埋入式应变计
emission electron microscope,发射电子显微镜
emission spectrum,发射光谱

emission X-ray spectrometry,发射 X 射线谱法
emissivity,发射率
emittance of the earth's surface,地表面辐射
emulsifier,乳化液槽
encapsulation(Ex m),浇封 (Ex m)
encircling coil,环形线圈
enclosed-scale liquid-in-glass thermometer,内标式玻璃温度计 END byte,结束字节
end connection,连接端
end of file(EOF),文件结束
end-points,端点
endothermic peak,吸热峰
ENDSUM byte,结束总和字节
endurance test,耐久性试验
energizing frequency,激励频率
energizing voltage,激励电压
energy dispersion,能量色散
energy equivalent,能当量
energy filter,能量过滤器
energy loss,能量损失
energy loss of electron spectrometer,电子能量损失谱仪
energy loss spectrometer,能量损失谱仪
energy processor module,能量处理组件
energy spread,能量分散
engineer's operating station,工程师操作站
engineer's theodolite,工程经纬仪
engineering cybernetics,工程控制论
engineering simulator,工程仿真器
engineering system simulation,工程系统仿真
Engler viscosity,恩氏粘度
enhancement effect,增强效应
enveloped thermistor,密封型热敏电阻器
environmental condition,环境条件
environmental error,环境误差
environmental factor,环境因素
environmental gas analyzer,环境气体分析仪
environmental influence,环境条件影响
environmental monitor station,环境监测站
environmental noise,环境噪声
environmental parameter,环境参数
environmental specification,环境规范
environmental test,环境试验
environmental test equipment,环境试验设备
enzyme substrate electrode,酶敏电极
epoxy resin,环氧树脂

Epstein frame,爱普斯坦方圈
Epstein measuring apparatus,爱普斯坦测量装置
equal precision measurement,等精密度测量
equalization,均衡
equalizing block,均温块
equalizing orifice,平衡孔
equilibrium point,平衡点
equilibrium state,平衡状态
equivalent a.c.resistance,等效交流电阻
equivalent air volume,等效空气容积
equivalent conductance,当量电导
equivalent input impedance,等效空气容积 e
quivalent conductance,当量电导
equivalent input impedance,等效输入阻抗
equivalent n-th modal unbalance,第 n 阶振型等效不平衡谐波量
equivalent potential screen,等电位屏蔽
equivalent sound pressure level due to inherent noise of microphone, 传声器等效噪声级
equivalent uniform roughness,等效均匀粗糙度
erecting telescope,正像望远镜
ergonomics,工效学
erosion,侵蚀
erratic motion of the moving element,运动部件的漂移运动
error,误差
error coefficient,误差系数
evaluation standard,评定标准
evaporativity,蒸发率
evaporimeter,蒸发仪; 蒸发表
evaporograph,蒸发计
evapotranspirometer,蒸散表
event marker,标记装置
event pulse,事件脉冲
event recorder,事故[状态]记录仪
evolved gas analysis(EGA),逸出气分析
evolved gas analysis apparatus,逸出气分析仪
evolved gas detection(EGD),逸出气检测
evolved gas detection apparatus,逸出气检测器
excess energy meter,超量电度表
excitation,激励
excitation force,激振力
excitation index,激发指数
exciting current,激磁电流
executive routine,执行程序
exothermic peak,放热峰
expanded scale,扩展标度

expanded scale instrument,扩展标度尺仪表
expansibility factor,可膨胀性系数
expansion factor,膨胀系数
expansion chamber(of liquid-in-glass thermometer), (玻璃温度计的) 膨胀室
expected long term stability,预期的长期稳定性
expendable bathythermograph(XBT),投弃式深温计
experimental intensity of scattered ion,散射离子的实验强度
experimental standard deviation,实验标准偏差
experimental standard deviation of the mean,平均值的实验标准偏差
experimental temperature scale,经验温标
experimental variance,实验方差
explosion-proof electric actuator,防爆型电动执行机构
explosion-proof instrument,防爆型仪器仪表
explosion-proof solenoid valve,防爆型电磁阀
explosive limit of flammable gas,可燃气体的爆炸限
explosive sound source,爆炸声源
export package,出口包装
exposed junction,外露端
exposed junction type sheathed thermocouple,露端型铠装热电偶
exposure,曝光量
exposure chart,曝光曲线图
exposure time,曝光时间
extended rating current,扩展的额定电流
extended rating type current transformer,扩展的额定型电流互感器
extending extension lead,延伸型上阀盖
extension lead,延长导线
extension lead error(of thermocouple), (热电偶的) 延长导线误差
extension lead method,延长导线法
extensometer,引伸计
exterior package,外包装
external critical resistance,外临界电阻
external-convection column sensitive element,柱状外对流敏感元件
external-convection ring sensitive element,环状外对流敏感元件
external disturbance,外扰
external gear,转子齿轮
external lock signal,外锁信号
external reference sample,外参比试样
external-scale liquid-in-glass thermometer,外标式玻璃温度计
external standard method,外标法
externally-piloted regulator,组合指挥器操作型自力式调节阀
extra-column effect,柱外效应
extraction lens,引出透镜
extrapolated onset,外推超始点; 外延始点
extreme temperature,极端温度

电工词汇(F-M)

F

face to face dimension,端面距尺寸
facsimile seismograph,传真式地震仪
factory communication,工厂通信
factory information protocol,工厂信息协议
Fahrenheit,华氏度
Fahrenheit temperature scale,华氏温标
fail safe,换效安全
fail tree analysis,失效树分析
failure,失效
failure diagnosis,失效诊断
failure mechanism,失效机理
failure mode,失效率
failure recognition,失效识别
failure valve position,阀断源位置
failure cable,流线型拖缆
fall time,下降时间
falling coaxial cylinder viscometer,同轴圆筒下落粘度计
falling sphere viscometer,落球粘度计
false strain,虚假应变
fanning mill anemometer,叶轮式风速表
far field,远场
far infra-red radiant element,远红外副射元件
far infrared radiation,远红外辐射
Faraday cage,静电屏蔽
farinfrared spectrophotometer,远红外分光光度计
fast atom bombardment, (FAB), 快速原子轰击
faster-than-real-time simulation,超实时仿真
fatigue,疲劳
fatigue characteristic,疲劳特性
fatigue failure,疲劳破裂
fatigue life,疲劳寿命
fatigue limit,疲劳极限
fatigue strain gauge,疲劳应变计
fatigue testing machine,疲劳试验机
fault,故障
feasibility,可行性
feasibility study,可行性研究
feasible coordination,可行协调
feasible region,可行域
feature detection,特征检测

feedback,反馈
feedback compensation,反馈补偿
feedback control,反馈控制
feedback controller,反馈控制器
feedback elements,反馈元件
feedback gain,反馈增益
feedback loop,反馈回路
feedback path,反馈通路
feedback signal,反馈信号
feedforward,前馈
feedforward compensation,前馈补偿
feedforward control,前馈控制下
feedforward path,前馈通路
feedover,馈越
ferrodynamic galvanometer,铁磁电动系振动物子
ferrodynamic instrument,铁磁电动系仪表
ferrograph,铁磁示波器
FET gas transducer[sensor],场效应(管)湿度传感器
fiber communication,光纤通信
fiducial error,引用误差
fiducial value,引用值; 基值
field,字段; 现场
field balancing,现场平衡
field balancing equipment,现场平衡设备
field coil,励磁线圈
field controller,磁场控制器
field data,现场数据
field desorption(FD),场解吸
field emission electron image,场发射电子象
field emission gun,场发射电子枪
field emission microscope,场发射显微镜
field ion emission microscope,场离子发射显微镜
field ionization source;FI source,场电离源
field test,现场试验
field of view,视场
field reliability test,现场可靠性试验
field stop,视场光栏
field sweeping,场扫描
field-frequency lock,场频锁
fieldbus,现场总线
fieldbus control system(FCS),现场总线控制系统
filament image,灯丝象
filament suspended galvanometer,悬丝式检流计
file,文件; 文卷

file maintenance, 文卷维护
 fill factor, 占空因子; 填充率
 filled system thermometer, 压力式温度计
 filled thermal system, 充灌式感温系统
 film recording thermograph, 照相温度(表)
 film sample, 薄膜样品
 film varistor, 膜式电压敏电阻器
 filter, 滤光计; 过滤器; 滤波器; 滤光板; 滤线板
 filter device, 滤光装置
 filtered electron image, 过滤电子象
 filtered electron lens, 过滤电子透镜
 final controlling element, 终端控制元件; 执行器
 final state, 终态
 final controlling element, 终端控制元件; 执行器
 final state, 终态
 final temperature, 终了温度终止温度
 Fineman nephoscope, 法因曼测云器
 finite automaton, 有限自动机
 fire behaviour, 着火性能
 fire integrity, 整体着火性
 fire resistance, 耐火性 fire stability, 对火稳定性 firmware, 固件 fish finder, 鱼探仪 fitting, 管件
 five-component borehole magnetometer, 井中五分量磁测井仪
 fixed core, 定铁芯
 fixed(measuring)instrument, 固定式(测量)仪表
 fixed points method of calibration, 定点法标定
 fixed resistance input type volt ratio box, 定阻输入式分压箱
 fixed resistance output type volt ratio box, 定阻输出式分压箱
 fixed set point control, 定值控制
 fixed set point control system, 定值控制系统
 fixed-based natural frequency, 固定基础固有频率
 flag, 标记
 flame emission spectrometry, 火焰发射光谱法
 flame ionization detector(FID), 火焰离子化检测器
 flame photometric detector(FPD), 火焰光度检测器
 flame proof enclosure(Ex d), 隔爆外壳(Ex d)
 flame temperature detector, 火焰温度检测器
 flange pressure tappings, 法兰取压口
 flanged ends, 法兰连接端
 flangeless ends, 无法兰连接端
 flangeless valve, 无法兰阀
 flashing, 闪阀
 flaw echo, 缺陷反射波
 flaw resolution, 缺陷分辨力
 flaw sensitivity, 缺陷灵敏度

flexible disk,软磁盘
flexible manufacturing system,柔性制造系统
flexible rotor,柔性转子
flexural critical speed,挠曲临界转速
flexural principal mode,挠曲主振型
flicker,闪烁
float,浮子
float and cable level measuring device,浮标和缆索式液闰测量装置
float barograph,浮子气压计
float level measuring device,浮子液位测量装置
float level regulator,浮子型液位调节阀
float level transducer[sensor],浮子—干簧管液位传感器
float tide gauge,浮子式验潮仪
floating accelerometer,重力式测波仪
floating ball,浮置输入
floating output,浮置输出
floppy disk drive,软磁盘机
flow chart,流程图表
flow coefficient,流量系数
flow conditioner[straightener],流动调整器[整直器]
flow control,流量控制
flow corrector,流量修正器
flow diagram,流程图
flow elbow,流量弯管
flow measurement calibration device,流量测量校准装置
flow measuring device,流量测量装置
flow nozzle,流量喷嘴
flow profile,流动剖面
flow rate of mobile phase,流动相流速
flow signal,流量信号
flow stabilizer,流量稳定器
flow switch,流量开关
flow to close,流关
flow to open,流开 flow transducer[sensor],流量传感器
flowmeter,流量计
flow-rate,流量
flow-rate range,流量范围
fluctuation,波动(度)
fluid damping galvanometer,液体阻尼振动子
fluidic flowmeter,射流流量计
fluorescence,荧光修正
fluorescence detector,荧光检测器
fluorescence effect,荧光效应
fluorescent image,荧光象

fluorescent magnetic particle, 荧光磁粉
fluorescent magnetic particle inspection machine, 荧光磁粉探伤机
fluorescent penetrant testing method, 荧光渗透探伤法
fluorine plastic, 氟塑料
fluorine rubber(viton), 氟橡胶
fluorometer, 荧光计 flush mounted(pressure)gauge, 嵌装压力表
flutter, 颤振
flux constant, 磁通常数
flux meter, 磁通表
flux of radiation, 辐射通量
fluxgate compass, 磁通门罗盘
fluxgate magnetometer, 磁通门磁力仪; 磁通门磁强计
fluxmeter, 磁通表
fluxmeter calibrator, 磁通表校验仪
focal distance, 焦距
focal plane, 焦平面
focal point, 焦点
focus, 焦点
focus size, 焦点尺寸
focus-to-film distance, 焦距
focusing, 聚焦
focusing type probe, 聚焦探头
fog-gauge, 雾量器
foil strain gauge, 箔式应变计
folding chart[paper], 折叠式记录纸
follow-up control, 随动控制
follow-up pointer, 从动针
food analyzer, 食品分析仪
force, 力
force-balance acceleration transducer, 力平衡式加速度传感器
force-balance accelerometer, 力平衡式加速度计
force convection, 强近对流
force standard machine, 力标准机
force transducer[sensor], 力传感器
forced vibration, 强迫振动; 受迫振动
foreground, 前台 foreground processing, 前台处理
foreground program, 前台程序
form factor, 波形因数
Fortin barometer, 福丁气压表
forward channel, 正向信道
Foundation Fieldbus(FF), 基金会现场总线; FF 总线
four-terminal standard resistor, 四端(钮)标准电阻器
Fourier transform, 傅里叶变换
Fouier transform ion cyclotron resonance mass spectrometer (FT-ICR-MS), 傅立叶变换离子回

旋共振质谱计
 Fourier transform infrared spectrometry,傅立叶变换红外光谱法
 Fourier transform spectrometer,傅里叶变换光谱仪
 fracture toughness,断裂韧性
 fragment ion,碎片离子
 fragmentation,碎裂过程
 fragmentation pattern,碎裂图型
 frame,帧 framework,框架
 free falling STD profiling system,自返式温盐深剖面仪
 free field,自由声场
 free field correction curves,自由场修正曲线
 free-field frequency response of microphone,传声器自由声场频率响应
 free feild reciprocity calibration,自由声场互易校准
 free-field sensitivity of microphone,传声器自由声场灵敏度
 free induction decay signal;FID signal,自由感应衰减信号
 free oscillating period,自由振动周期
 free swing of pendulum,摆锤空击
 free vehicle respirometer,活动式海底生物呼吸测量器
 free vibration,自由振动
 freezing heat,凝固热
 freezing point,凝固点
 frequency,频率
 frequency-amplitude characteristic,幅频特性
 frequency analysis,频率分析
 frequency analyzer,频率分析仪
 frequency band,频带
 frequency distrbution,频率分布
 frequency division multiplexing,频分多路传输
 frequency domain,频域
 frequency domain analysis,频域分析
 frequency domain method,频域法
 frequency domain model reduction method,频域模型降价法
 frequency index,频率指数
 frequency measurement by comparison with time scale,时标比较法测频
 frequency measurement by digital meter,用数字频率计测频
 frequency measurement by Lissajou's figure,用李沙育图形测频
 frequency measurement by stroboscope,闪光测频
 frequency measurement by vibrationg reed indicator,用舌簧频率计测频
 frequency meter,频率表
 frequency modulation (FM),频率调制, 调频
 frequency of the natural hydraulic mode,液压固有频率
 frequency output,频率输出
 frequency-phase characteristic,相频特性
 frequency response,频率响应

frequency response characteristics, 频率响应特性 (图)
frequency response locus, 频率响应轨迹图
frequency response of microphone, 传声器频率响应
frequency response range, 频率响应范围
frequency response tracer, 频率响应显示仪
frequency shift keying(FSK), 频移键控
frequency shift magnetometer, 频移磁强计
frequency sounding instrument, 频率测深仪
frequency spectra induced polarization instrument, 频谱激电仪
frequency stabilization, 频率稳定
frequency sweeping, 频率扫描
frequency-temperature coefficient, 频率-温度系数
Fresnel diffraction string, 费涅尔衍射条纹
friction bezel ring, 压紧盖环
friction error, 轻敲位移
friction velocity, 磨擦速度
front end processor, 前端处理机
frontal chromatography, 迎头色谱法
frost point hygrometer, 霜点湿度计 (表)
full bridge measurement, 全桥测量
full capacity trim, 全容量阀内件
full-load test, 满载试验
full scale flow-rate, 满标度流量
full-screen editing, 全屏莫编辑
full-screen processing(FSP), 全屏幕处理
full-wave logger, 声波全波列测井仪
fully developed velocity distribution, 充分发展的速度分布
fully insulated current transformer, 全绝缘电流互感器
fully rough turbulent flow, 充分混杂紊流
function, 功能
function analysis, 功能分析
function block, 功能块
function key, 功能键
function module, 功能模块
function type optic-fibre temperature transducer, 功能型光纤温度传感器
functional block, 功能块
functional decomposition, 功能分解
functional insulation, 功能绝缘
functional similarity, 功能相似
functional simulation, 功能仿真
fundamental frequency, 基本频率
fundamental method of measurement, 基础测量法
fundamental natural mode of vibration, 基本固有振型
fundamental period, 基本周期

fundamental wave,基波
funnel-shaped mud viscometer,漏斗式泥浆粘度计
furnace for reproduction of fixed points,定点炉
furnace for verification use,检定炉
fuzzy control,模糊控制
fuzzy controller,模糊控制器
fuzzy decision,模糊决策
fuzzy game,模糊对策
fuzzy information,模糊信息
fuzzy logic,模糊逻辑

G

gain,增益
gain margin,增益裕度
gain-crossover frequency,增益交越频率
galvanic cell,原电池
galvanometer,检流计
galvanometer record type strong-motion instrument,电流计记录式强震仪
galvanometer with optical point,光点式检流计
game theory,对策论; 博弈树
gamma directioned radiometer,伽玛定向辐射仪
gamma processing image,处理象
gamma radionmeter in borehold,井中伽玛辐射仪
gamma-ray detection apparatus,射线探伤机
gamma ray level measuring device,伽马射线液位测量装置
gamma(ray)spectrometer,伽玛能谱仪
gamma-rays,射线
gamma ray logger,伽玛测井仪
gamma sampling radiometer of banded screen,带屏伽玛取样加射仪
gamma scintillator radiometer,伽玛闪烁辐射仪
gamma spectrometer in borehold,井下伽玛能谱仪
gamma-spectrometry,伽玛测量
gas analyzer,气体分析器
gas chromatograph,气相色谱仪
gas chromatograph-mass spectrometer(GC/MS),气相色谱—质谱联用仪接口
gas chromatography,气相色谱法
gas chromatography-mass(GC-MS),气相色谱—质谱法
gas cylinder regulator,气瓶减压器
gas densitometer,气体密度计
gas-discharge source,气体放电源
gas-enclosed pressure gauge,气密引压式验尚潮仪
gas generator,气体发生器
gas laser,气体激光器
gas-liquid chromatography,气液色谱法

gas proportional detector, 气体正比检测器
gas pump thermocouple, 抽气式热电偶
gas purged pressure recording gauge, 补气引压式验潮仪
gas sensing electrode, 气敏电极
gas-sensitive element, 气敏元件
gas sensor, 气敏元件
gas-solid chromatography, 气固色谱法
gas thermometer, 气体温度计
gas transducer[sensor], 气体传感器
gastrointestinal inner pressure transducer[sensor], 胃肠内压传感器
gate, 闸门
gate-type flowmeter, 闸门式流量计
gate valve, 闸阀
gateway, 网间连接器
gauge block, 量块
gauge circuit, 应变计[片]电路
gauge factor, 应变计灵敏系数
gauge length, 标距长度
gauge pressure, 表压
gauge pressure transducer[sensor], 表压传感器
gauge resistance, 应变计(片)电阻
Gauss optics, 高斯光学
Gaussian integration method, 高斯求积法
gear reducer, 减速器
Geiger type vibrograph, 盖格尔式测振仪
gel chromatography, 凝胶色谱法
general-purpose(pressure)gauge, 一般压力表
general purpose strain gauge, 常温应变计
general system theory, 一般系统理论
generalization, 通用化
generalized modeling, 广义建模
generation function, 生成函数
geodetic instrument, 大地测量仪器
geologic compass, 地质罗盘仪
geological stereometer, 地质立体量测仪
geomagnetic electrokinetograph(GEK), 地磁场电磁海流计
geometric aberration, 几何象差
geometric centre of the dial, 度盘几何中心
geostationary meteorological satellite, 地球同步气象卫星
germanium thermometer, 锗电阻
Gershum tube, 格森管
ghost echo, 假反射波, 假伤波
ghost peak, 假峰
glass circle, 玻璃电极

global analysis,整体分析
global data base,全球数据库
global optimum,全局最优
global radiation,总辐射
globe valve,球形阀
glucose enzyme transducer[sensor],酶(式)葡萄糖传感器
glutamate(glutamic acid)microbial transducer[sensor],微生物谷氨酸传感器
grade,级; 等
grade I standard dynamometer,一等标准测力计
grade II standard load calibrating machine,二等标准测力机
grade III standard dynamometer,三等标准测力计
graded-L operation,分级 L 操作
Grader-L signals(GL),分级 L 信号
gradient error(of bath), (槽的) 梯度误差
gradient flux-gate magnetometer,磁通门磁力梯度仪
gradient superconducting magnetometer,超导磁力梯度仪
graduated range,刻度范围
graph search,图搜索
graph theory,图论
graphic library,图形库
graphic panel,全模拟盘
grating displacement transducer,光栅式位移传感器
grating monochromator,光栅单色仪
grating spectrograph,光栅摄谱仪
gravimeter,重力仪
gravitational balancing machine,重力式平衡机
gravity,重力
gravity anomaly,重力异常
gravity corer,重力式取样管
gravity correction,重力修正
gravity gradient survey,重力梯度测量
gravity gradiometer,重力梯度仪
gravity horizontal gradient survey,重力水平梯度测量
gravity nut,重心铊
gravity platform,重力平台
gravity profile,重力剖面
gravity survey,重力测量
gravity vertical gradient survey,重力垂向梯度测量
gravity-piston type corer,重力活塞式取样管
graybody,灰体
gray scale,灰度
grid,控制极; 栅极
grid-controlled X-ray tube,栅控 X 射线管
grid lines device,格线装置

gridnephoscope, 栅状测云器
grip, 夹头
ground electrochemical extractor, 地电化学提取法仪器
ground electromagnetic instrument, 地面电磁法仪器
ground gamma spectrometer, 地面伽玛能谱仪
ground gravity survey, 地面重力测量
ground instrument, 地面仪器
ground noise, 本底噪声
ground pulse electromagnetic instrument, 地面脉冲电磁仪
ground receiving station, 地面接收站
ground visibility, 地面能见度
ground X-ray fluorimeter, 地面 X 射线荧光仪
grounded junction, 接地端
grounded noise, 接地噪声
group of an instrument for explosive atmosphere, 防爆仪表类别
guarded input, 保护输入
guidance system, 导向系统
gyro balancing machine, 陀螺测斜仪
gyro-theodolite, 陀螺经纬仪

H

habitat, 水下居室[舱]
hair hygograph, 毛发湿度计
hair hygrometer, 毛发湿度表
half bridge measurement, 半桥测量
half-cell, 半电池
half duplex transmission, 半双工传输
half-power point, 半功率点
half-wave potential, 半波电位
Hall effect, 霍尔效应
Hall effect displacement transducer, 霍尔效应磁强计; 霍尔效应磁力仪
Hall effect tachometric transducer, 霍尔效应式转速传感器
Hall element, 霍尔传感器
Hall type pressure transducer, 霍尔式压力传感器
hammering method, 敲击法
hammering type Brinell hardness tester, 锤击式布氏硬度计
hand anemometer, 手持风速表
handshake, 握手
handshaking, 同步交换; 信号交换
handwheel, 手轮机构
handy digital tachometer, 手持式数字转速表
hanging mercury electrode, 悬汞电极
hard bearing balancing machine, 硬支承平衡机
"hard", X-rays, 硬射线

hardness, 硬度
hardness penetrator, 硬度压头
hardness tester, 硬度计
hardness transducer[sensor], 硬度传感器
hardware, 硬件
harmonic, 谐波
harmonic analysis, 谐波分析
harmonic content, 谐波含量
harmonic content of an a.c. power supply, 交流电源的谐波含量
harmonic wave, 谐波
harmonious control, 和谐控制
harmonious deviation, 和谐偏差
harmonious strategy, 和谐策略
harmonious variable, 和谐变量
HART Communication Foundation, HART 通信基金会
hazardous substances mark, 危险品包装标志
head space gas chromatography, 顶空气相色谱法
header byte, 首标字节
heart sound transducer[sensor], 心音传感器
heat-capacity mapping mission(HCMM)热容量制图卫星
heat conducting, 导热
(heat)conduction, (热) 传导
(heat)convection, (热) 对流
heat efficiency, 热效率
heat flow meter, 热流计
heat-flux differential scanning calorimeter, 热流型差示扫描量热仪
heat-flux differential scanning calorimetry, 热流型差示扫描量热法
heat flux transducer[sensor], 热流传感器
heat of combustion, 燃烧热
(heat)radiation, (热) 辐射
heat treated glass window, 热处理玻璃观察窗
heat unit(HU), 热单位
heat value, 热值
heated and/or cooled enclosed location, 升温和[或]降温封闭场所
heater characteristic of X-ray tube, X 射线管灯丝特性
heating by far infra-red radiation, 远红外辐射加热
heating curves, 加热曲线
heating curve determination, 升温曲线测定
heating curve determination apparatus, 升温曲线测定仪
heating element, 加热器; 加热元件
heating quantity of bomb cylinder, 弹筒发热量
heating quantity of constant capacity on high position, 恒容高位发热量
heating rate, 升温速率
heating rate curves, 加热速率曲线

heavy and streamlined fish, 重型流线型拖曳体
height equivalent to a theoretical plate, 理论板高
height of tide, 潮高
helical bellows, 螺旋波纹管
heliograph, 日照计; 日光计
helium mass spectrometer leak detector, 氦质谱检漏仪
helium survey, 氦气测量
Helmholtz coils, 亥姆霍兹线圈
Helmholtz resonator, 亥姆霍兹共鸣器
hermetically sealed enclosure(Ex h), 气密外壳 (Ex h)
heterodyne analyzer, 外差式分析仪
heteronuclear lock signal, 异核锁信号
hierarchical chart, 层次结构图
hierarchical control, 递阶控制
hierarchical intelligence, 分级智能
hierarchical parameter estimation, 递阶参数估计
hierarchical planning, 递阶规划
hierarchical structure, 递阶结构
hierarchical system, 分级系统; 递阶系统
high dispersion diffraction image, 高分散衍射象
high dynamic strain indicator, 超动态应变仪
high e.m.f.potentiometer, 高电热电位差计
high electron energy diffractometer(HEED), 高能电子衍射仪
high[elevated]temperature testing machine, 高温试验机
high elongation strain gauge, 大应变应变计
high energy varistor, 高能电压敏电阻器
high energy X-rays, 高能 X 射线
high frequency dielectric splitter, 高频介电分选仪
high frequency fatigue testing machine, 高频疲劳试验机
high-frequency titration, 高频滴定
high frequency varistor, 高频电压敏电阻器
high-level language, 高级语言
high limiting control, 上限控制
high-low action, 高低作用
high-low signal selector, 高低信号选择器
high-low temperature chamber, 温度交变试验箱
high performance liquid chromatograph, 高效液相色谱仪
high performance scanning electron microscope, 高性能扫描电子显微镜
high polymer microphone, 高聚物传声器
high pressure DTA unit, 高压差式热分析仪
high-recovery valve, 高压恢复阀
high resolution diffraction attachment, 高分辨衍射附件
high resolution diffraction image, 高分辨衍射象
high resolution electron microscope, 高分辨电子显微镜

high-resolution mass spectroscope,高分辨质谱仪器
high-resolution NMR spectrometer,高分辨核磁共振波谱仪
high-resolution NMR spectroscope,高分辨率核工业磁共振波谱仪
high resolution visible(HRV)image instrument,高分辨率图像仪
high speed balancing,高速平衡
high speed balancing installation,高速平衡设备
high speed liquid chromatography,高速液相色谱法
high speed simulation,快速仿真
high temperature device,高温装置
high temperature strain gauge,高温应变计
high temperature test,高温试验
high temperature test chamber,高温试验箱
high temperature testing machine,高温试验机
high temperature thermistor,高温处理
high tension loop,高压回路
high vacuum,高真空
high value standard resistor,高阻标准电阻器
high voltage bridge,高压电桥
high-voltage cable,高压电缆
high voltage capacitor(of a capacitor voltage transformer), 电容器式电压互感器的高压电容器
high voltage electron microscope,高压电子显微镜
high voltage insulating tank,高压绝缘箱
high voltage source,高压电源
high voltage stability,高压稳定度
high voltage terminal,高压端
high water,高潮
higher actual measuring range value,实际测量范围上的限值
higher harmonic resonance,高次谐波共振
highest face temperature,最高表面
highway,信息公路
highway addressable remote transducer(HART),可寻址远程传感器数据公路
highway driver,信息公路驱动器
highway for a CAMAC system,CAMAC 系统信息公路
highway frame,数据公路帧
highway protocol,数据公路协议
highway unit,数据公路单元
historical trend panel,历史趋势画面
hit,命中
hoarfrost point,结霜点
hoisting test,起吊试验
holding action,保持作用
holding current,吸持电流
hollow-cathode atomizer,空心阴极原子化器
hollow-cathode lamp,空心阴极灯

holographic grating,全息光栅
holographic SDRS,全息地震仪
homeostasis,内稳态
homogeneity spoiling pulse,均匀性突变脉冲
homogeneous radiation thermometer,单色辐射温度计
homonuclear lock signal,同核锁信号
hopper scale,料斗秤
horizontal balancing machine,卧式平衡机
horizontal limit,水平极限
horizontal scanning,行扫描
horizontal tail,水平翼
horizontal visibility,水平能见度
hose coupler,软管接头
host computer,主计算机
hot wire anemometer,热线风速表
hot wire flow transducer[sensor],热线流量传感器
hot-wire respiratory flow transducer[sensor],热丝(式)呼吸流量传感器
hot-wire turbulence meter,热线湍流计
housing,外壳
housing limit temperature,外壳极限温度
huge system,巨系统
hum,交流声
humicap,湿敏电容器
humid air,湿空气
humid heat test,湿热试验
humidification,加湿
humidifier,加湿器
humidistat,恒湿箱
humidity,湿度
humidity constant state,恒湿状态
humidity fluctuation,湿度波动度
humidity of the air,空气湿度
humidity range,湿度范围
humidity transducer[sensor],湿度传感器
humidity uniformity,湿度均匀性
humidity-dependent resistor,湿敏电阻器
hunting,猎振
hybrid model,混合模型
hybrid simulation,混合仿真
hydraulic actuator,液动执行机构
hydraulic control,液动控制; 液压控制
hydraulic diameter,水力直径
hydraulic-formed bellows,液压波纹管
hydraulic motor,液压马达

hydraulic natural frequency, 液压固有频率
hydraulic power supply, 液动力源
hydraulic step motor, 液压步进马达
hydraulic testing machine, 液压式试验机
hydraulic vibrator, 液压振动器
hydrodynamic noise, 液体动力噪声
hydrofoil shape vehicle, 水翼型拖曳体
hydrogen electrode, 氢电极
hydrogen(pressure)gauge, 氢压力表
hydrogen regulator, 氢气减压器
hydrographic winch, 水文绞车
hydrophone calibrator, 水听器校准器
hydrophone streamer, 海洋地城电缆; 拖缆; 漂浮电缆
hydrophone, 水听器
hydrostatic level, 液体静力水准仪
hydrostatic water tank, 静水槽
hygrograph, 湿度计
hygrometer calibration chamber, 湿度表检定箱
hygrometer, 湿度表
hygrometric tables, 湿度查算表
hygrothermograph, 温湿计
hypercycle theory, 超循环理论
hyperstability, 超稳定性
hypsometer, 沸点测高表
hysteresis, 回差
hysteresis error, 滞环误差; 滞后误差
hysteresis error plus dead band, 回差
hysteresis loop, 滞环

I/O channel, 输入输出通道; I/O 通道

ice point, 冰点 ideal gas temperature scale, 理想气体温标

ideal inherent equal percentage flow characteristic, 理想固有等百分比流量特性 identifiability, 可
辨识性; 能辨识性

ignition wire, 点火线

illuminance transducer[sensor], 照度传感器

illuminating aperture angle, 照明孔径角

illuminating brightness, 照明亮度

illuminating system, 照明系统

illumination, 照度

image electro-magnetic shift, 象电位移

image plane, 象面

image point, 象点

image recognition, 图象识别

image rotation, 象旋转

image transducer[sensor], 图象传感器
imaging system, 成像系统
immersion depth, 浸入深度
immersion error, 浸入误差
immersion line(of liquid-in-glass thermometer), (玻璃温度计的) 浸没线
immersion testing, 液浸法
immersion type probe, 水浸探头
impact energy, 冲击能量
impact hammer, 冲击锤体
impact pendulum, 冲击摆锤
impact specimen support, 冲击试校支架
impact test, 冲击试验
impact testing machine, 冲击试验机
impact toughness, 冲击韧性
impact velocity of the pendulum, 摆锤的冲击速度
impedance analysis, 阻抗分析
impedance blood volume transducer[sensor], 阻抗式血容量传感器
impedance head, 阻抗头
impedance plane diagram, 阻抗平面图
impedance respiratory frequency transducer[sensor], 阻抗式呼吸频率传感器
impeller, 旋浆
impregnated base strain gauge, 浸胶基应变计
impulse distance meter, 脉冲式测距仪
impulse function, 冲激函数; 脉冲函数
impulse precision sound level meter, 脉冲精密声级计
impulse response, 冲激响应; 脉冲响应
impulsive sound, 脉冲声
in-situ colour meter, 现场水色计
in-situ extraction sampler, 现场萃取采水器
in-situ salinometer, 现场盐度计
in-situ seawater oxygenometer, 海水溶解氧现场测定仪
inaccuracy, 不精确度
inboard rotor, 内重心转子
incline impact test, 斜而冲击试验
inclined-tube manometer, 倾斜压力计
inclinometer, 井斜仪
increase of area, 断面增大率
increased safety electrical apparatus(Ex e), 增安型电气设备 (Ex e)
incremental control, 增量控制
incremental motion control system, 增量运动控制系统
incremental range, 微调 (增量) 范围
incremental testing, 增量测试
independent conformity, 独立一致性
independent linearity, 独立线性度

index,指示器; 指数; 索引
index level,竖直度盘指标水准器
index(of an indicating device), (指示机构的) 指示器
index of asymmetry,非对称性指数
index register,变址寄存器
indicated electrode,指示电极
indicated strain,指示应变
indicated value,指示值
indicating device,指示装置; 指示机构
indicating instrument,指示仪器仪表
indicating(measuring)instrument, (测量仪器仪表) 的示值
indication point,指示点
indication range,示值范围
indicative mark,指示标志
indicator,指示仪
indirect acting instrument,间接作用仪表
indirect ancting instrument,间接作用仪表
indirect acting recording instrument,间接作用记录仪
indirect(method of)measurement,间接测量 (法)
indirect resistance heating,间接电阻加热
indirectly controlled variable,间接被控变量
indirectly heated type thermistor,旁热式热敏电阻器
individual line,专线
individual nominal characteristic,单个名义特性
induced current image,感生电流象
induced curent method,感应电流法
induced polarization logger,井中激发极化仪
induced pulse transient system,感应脉冲瞬变系统
inductance bow,电感箱
inductance pressure transducer,电感式压力传感器
inductance transducer,感应式传感器
induction instrument,感应系仪表
induction logger,感应测井仪
induction meter,感应系电度表
induction salinometer,感应式盐度计
induction voltage divider,感应分压器
inductive displacement measuring instrument,电感式位移测量仪
inductive displacement transducer,电感式位移传感器
inductive force transducer,电感式力传感器
inductive micromenter,电感测微计
inductive modeling method,归纳建模法
inductive tensionmeter,电感式张力计
inductive transducer[sensor],电感式传感器
inductosyn displacment transducer,感应同步式位移传感器

industrial automation,工业自动化
industrial control,工业控制
industrial control system,工业控制系统
industrial data processing,工业数据处理
industrial process,工业过程
industrial robot,工业机器人
(industrial)total radiation pyrometer,辐射感温器
inelastic background,非弹性本底
inelastic scatter,非弹性散射过程
inert metal indicated electrode,惰性金属指示电极
inertia type pickup,惯性传感器
inertial motion,随走量
inference model,推理模型
inference strategy,推理策略
inferential flowmeter,推导式流量计
influence characteristic,影响特性
influence coefficient method,影响系数法
influence coefficient(of an influence quantity), (影响量的) 影响系数
influence error,影响误差
influence of magnetic field,磁场影响
influence of ship-body,船体影响
influence of static pressure,静压影响
influence of vibration,振动影响
influence quantity,影响量
information acquisition,信息采集
information parameter of an electrical signal,电信号的信息参数
information pattern,信息模式
information structure,信息结构
information system for process control,过程控制信息系统
infrared camera,红外照相机
infrared distance meter,红外测距仪
infrared gas analyzer,红外线气体分析器
infrared hygrometer,红外湿度表
infrared light transducer[sensor],红外光传感器
infrared radiation,红外辐射; 红外线; 热辐射
infrared radiation detection apparatus,红外检测仪
infrared radiation thermometer,红外辐射温度计
infrared radiometer,红外辐射计
infrared radiometry,红外线探伤法
infrared remote sensing,红外遥感
infrared spectrometry,红外光谱法
infrared spectrophotometer,红外分光光度计
inherent diaphragm pressure range,固有膜片压力范围
inherent feedback,固有反馈

inherent filtration,固有滤过当量
inherent flow characteristic,固有流量特性
inherent instability,固有不稳定性
inherent weakness failure,固有弱质失效
inhibit,禁止
initial condition,初始条件
initial deviation,初始偏差
initial load,初负荷
initial phase angle,初相角
initial program loader(IPL),初始程序的装入程序
initial pulse,始脉冲
initial state,初(始状)态
initial temperature,超始温度
initial unbalance,初始不平衡量
initialization,初始化
initialize,初始化
initiator,启动站
injection cross-section[station],注入横截面[部位]
ink jet printer,喷墨印刷机
inlet filter,(减压器的)过滤器
inlet system,进样系统
inner package,内包装
in-phase voltage,同相电压
input and output with isolated common point,带有隔离公共点的输入和输出
input device,输入设备
input impedance,输入阻抗
input impedance of the magnetizing winding,激磁绕组输入阻抗
input impedance of the measuring winding,测量绕组输入阻抗
input matrix,输入矩阵
input/output operation,输入/输出操作
input/output port,输入/输出端口
input-output analysis,投入产出分析
input-output channel,输入输出通道
input-output device,输入输出设备
input-output model,投入产出稳定性
input-output table,投入产出表
input-output unit,输入输出设备
input prediction method,输入预估法
input quantity to frequency conversion type,输入量-频率转换型
input signal,输入信号
input terminal,输入端
input unit,输入设备
input variable,输入变量
input vector,输入向量; 输入矢量

input with isolated common point,公共端隔离输入
inrush current,浪涌电流
insert length,插入长度
inside coil,内插线圈
inside idimensions,工作室尺寸
insolation,日射
instability,不稳定性
installation conditions,安装条件
installation of oceanographic survey,海洋调查装备
installed diaphragm pressure range,安装流量特性
installed rangeability,安装可调比
instantaneous availability,瞬时可用度
instantaneous sound pressure,瞬时声压
instantaneous value,瞬时风速
instruction,指令
instruction level language,指令级语言
instrument auto transformer,仪用自耦互感器
instrument constant,仪表常数
instrument front,仪表面板
instrument lead,仪表导线
instrument of ground electrochemical prospecting method,地电化学法找矿仪器 instrument of
magneto telluric method,磁大地电流法仪器
instrument security factor,仪表的安全因数
instrument with contacts,带触点仪表
instrument with locking device,带有锁定装置的仪表
instrument with optical index,光标式仪表
instrument with suppressed zero,压缩零位仪表
instrumental analysis,仪器分析
instrumental background,仪器本底
instrumental error,仪器误差
insulating strength,绝缘强度
insulating test voltage,绝缘试验电压
insulation fault detecting instrument,绝缘损坏检示仪表
insulation material,绝缘物; 绝缘材料
insulation resistance,绝缘电阻
insulation resistance meter,高阻表; 兆欧表
insulation strength,绝缘强度
integral action;I-action,积分作用; I-作用
integral action coefficient,积分作用系数
integral action limiter,积分作用限幅器
integral action time,积分作用时间
integral control,积分控制
integral controller,积分控制器; I 控制器
integral detector,积分型检测器

integral electric actuator,积分式电动执行机构
integral feedback,积分反馈
integrated data processing,集中数据处理
integrated sensor,集成传感器
integrating actinometer,累计光能计
integrating conversion,积分转换
integrating induced type polarization potentiometer,积分式激发电位仪
integrating instrument,积分[算]（测量）仪表
integrating(measuring) instrument,积分[算]（测量）仪表
integrating recording instrument,积分式记录仪
integrating sphere,积分球
integration method,积算法
integration testing,集成测试；综合测试
integrator,积分仪器
integrity,整体性
intellectualized simulation software,智能化仿真软件
intelligent computer,智能计算机
intelligent control,智能控制
intelligent control system,智能控制系统
intelligent instrument,智能仪表
intelligent keyboard system,智能键盘系统
intelligent machine,智能机器
intelligent management,智能管理
intelligent management system,智能管理系统
intelligent robot,智能机器人
intelligent sensor,智能传感器
intelligent simulation,智能仿真
intelligent station,智能站
intelligent system,智能系统
intelligent system model,智能系统模型
intelligent terminal,智能终端
intensifying screen,增感屏
interacted system,互联系统；关联系统
interaction,互联；关联
interactive terminal,交互式终端
interchangeability,互换性
interchangeable accessory,可互换附件
interface,接口；界面
interface echo,界面反射波
interface message processor,接口通信处理机
interference error,干扰误差
interference filter,干扰[涉]滤光片
interior package,内包装
intermediate lens,中间镜

intermediate voltage capacitor(of a capacitor voltage transformer), (电容器式电压互感器的)
中压电容器

intermediate voltage terminal (of a capacitor voltage transformer), 电容器式电压互感器的)中压
端

intermittent d.c.noncapacitive arc,非电容间歇直流电弧

intermittent duty,断续工作制

intermittent spray,间断喷雾

internal burden(of a current transformer), (电流互感器的) 内负载

internal-convection sensitive element,内对流敏感元件

internal disturbance,内扰

internal gear,定子齿轮

internal lead,内引线

internal lock signal,内锁信号

internal model principle,内模原理

internal reference electrode,内参比电极

internal reference sample,内参比试样

internal reflection element,内反射元件

internal reflection spectrometry,内反射光谱法

internal resistance,内阻

internal standard,内标物

internal standard line,内标线

internal standard method,内标法

internal stop,内挡块

internally piloted regulator,整体指挥器操作型自力式调节阀

International(Practical) Temperature Scale,国际(实用)温标

International Practical Temperature Scale-1968,(IPTS-68),1968年国际实用温标

international standard,国际标准(器)

International Temperature Scale-1990(ITS-90),1990年国际温标

internuclear double resonance,核间双共振(法)

interoperable system protocol(ISPO,可互操作系统协议)

interpretive language,解释语言

interprogram communication,程序间通信

interrupt,中断

interrupt mask,中断屏蔽

interrupt priority,中断优先权

interrupt priority system,中断优先权系统

interrupt source,中断源

interval timer,间隔时钟

intracranial pressure transducer[sensor],颅内压传感器

intra-plant system,厂内系统

intrinsic astigmatism,固有象散

intrinsic error,基本[固有]误差

intrinsic safety barrier,本质安全栅

intrinsic viscosity,固有粘度

intrinsically safe circuit(Exi),本质安全电路(Exi)
invalid event,无效事件
invar levelling staff,因瓦水准标尺
inventory management system,库存管理系统
inverse heating rate curves,逆加热速率曲线
inverse system,可逆系统
investment decision,投资决策
inverting telescope,倒像望远镜
ion,离子
ion-activity meter,离子计
ion accelerating voltage,离子加速电压
ion beam thinner,离子减薄机
ion bombardment secondary electron image,离子轰击二次电子象
ion chromatography,离子色谱法
ion counter,离子计数器
ion cyclotron resonance mass spectrometer;ICR mass spectrometer, 离子回旋共振质谱计
ion detector,离子检测器
ion-exchange chromatography,离子排斥色谱法
ion kinetic energy spectra;IKE spectra,离子动能谱
ion lens,离子透镜
ion mobility,离子淌度
ion neutralization,离子中和
ion neutralization spectrometer,离子中和谱仪
ion neutralizing spectroscopy(INS),离子中和谱法
ion optics,离子光学
ion pump,离子泵 ion repeller,离子排斥极
ion scattering spectrometer,离子散射谱仪
ion-scattering spectroscopy(ISS),离子散射谱法
ion-scattering spectrum,离子散射谱
ion-selective electrode analysis,离子选择电极分析(法)
ion-selective electrode,离子选择电极
ion-selective electrode gas transducer[sensor],离子选择电极(式)气体传感器
ion source,离子源
ion sputtering coator,离子溅射镀膜台
ion strength,离子强度
ion transducer[sensor],离子传感器
ion transmission efficiency,离子传输率
ionflow anemometer,离子流风速表
ionization by sputtering,溅射电离
ionization chamber,电离室
ionization efficiency curve,电离效率曲线
ionization lose spectroscopy(ILS),离化损失谱法
ionizing transducer[sensor],电离式传感器
ionizing voltage,电离电压

ionospheric recorder, 电离层记录器
Iron/Copper-Nickel thermocouple, 铁—铜镍热电偶
irradiance, 辐(射)照(射)度
irradiation, 辐照
irregularity, 非直管性(段)
ISA 1932 nozzle, ISA 1932 喷嘴
isentropic exponent, 等熵指数
ISFET ion transducer[sensor], 场效应管(式)离子传感器
isoabsorptive point, 等吸收点
isobaric mass-change determination, 等压质量变化测定
isobaric weight-change curve, 等压重量变化曲线
isobaric weight-change determination, 等压重量变化测定
isolated amplifier, 隔离放大器
isolated analogue input, 隔离的模拟输入
isolated junction, 绝缘端
isolated junction type sheathed thermocouple, 绝缘型铠装热电偶
isolated system, 孤立系统
isolating valve, 隔断阀
isolator, 隔离器
isopotential point, 等电位点
isothermal point, 恒温式热量计
isothermal gas chromatography, 等温层跟踪仪
isothermal weight-change curve, 等温重量变化曲线
isothermal weight-change determination, 等温重量变化测定
isotope dilution mass spectrometry, 同位素稀释质谱法
isotope mass spectrometer, 同位素质谱计
isotope peak, 同位素峰
isotope ratio measurement, 同位素丰度测定
item, 项(目)
iteration chromatography, 核对色谱法
ivory point, 象牙针尖

J

jaw, 钳口
jerk transducer(sensor), 加速度传感器
jet orifice separator, 喷嘴分离器
jet recorder, 喷射式记录仪
job, 作业
Jordan sunshine recorder, 暗筒日照计; 乔唐日照计
journal, 轴颈
journal axis, 轴颈中心线
journal centre, 轴颈中心
joy stick, 操纵杆
junction class (of thermocouple), (热电偶的)端的类型

junction style(of thermocouple), (热电偶的) 端的形式
junction type zinc oxide varistor, 结型氧化锌电压敏电阻器

K

Kaiser effect, 凯撒效应
karma foil, 卡玛箔
Kelvin, 开尔文
Kelvin(double)bridge, 开尔文(双臂)电桥
Kelvin temperature scale, 开氏温标
Kew pattern barometer, 寇乌气压表
key in , 键盘输入
keyboard, 键盘
keyboard processor, 键盘处理器
keystone-type distortion, 梯形畸变
kinematic viscosity, 运动粘度
kinetic energy coefficient, 动能系数
knee point voltage, 拐点电压
knife dege contact width, 刀子接触宽度
knife edge curvature radius, 刀子曲率半径
knife-edge pointer, 刀形指针
knives, 刀子
knives linear, 刀子联线
Knoop hardness number, 努普硬度值
Knoop hardness penetrator, 努普硬度压头
knowledge acquisition, 知识获取
knowledge aided protocol automation, 知识辅助协议自动化
knowledge base, 知识库
knowledge base management system, 知识库管理系统
knowledge engineering, 知识工程
knowledge inference, 知识推理
knowledge model, 知识模型
knowledge representation, 知识表达
Knudsen burette, 克努森滴定管
Knudsen pipette, 克努森移液管

L

L grader, L 分级器
LaB6 cathode, 六硼化镧阴极
label, 标号
labelling, 加标
laboratory reliability test, 实验室可靠性试验
laboratory salinometer, 实验室盐度计
ladder diagram, 梯形图
lag compensation, 滞后补偿

lag module,滞后组件
lag network,滞后网络
lag-lead compensation,滞后超前补偿
Lagrangian method,拉格朗日法
Laman spectrophotometer,拉曼分光光度计
laminar low,层流
laminated glass window,层压玻璃观察窗
laminated magnet,积层磁铁
landing impact testing machine,落锤式冲击试验机
Laplace transform,拉普拉斯变换
Laplace-Gauss distribution,拉普拉斯—高斯分布
large scale system,大系统
large scale system cybernetics,大系统控制论
large volume sampler,大容量采水器
laser,激光器
laser alignment instrument,激光导向仪
laser anemometer,激光风速计
laser atomizer,激光原子化器
laser beam ionization,激光电离
laser ceilometer,激光测云仪
laser distance meter,激光测距仪
laser ellipseness measuring instrument,激光椭圆度测量仪
laser fluorescence detector,激光荧光探测仪
laser geodynamic satellite (LAGEDS),激光测地卫星
laser gravimeter,激光重力仪
laser inside diameter measuring instrument,激光内径测量仪
laser interferometer,激光干涉仪
laser interferometry,激光干涉测量
laser length measuring instrument,激光式测长仪
laser level,激光水准仪
laser microspectral analyzer,激光显微光谱分析仪
laser orientation instrument,激光指向仪
laser outside diameter measuring instrument,激光外径测量仪
laser plummet,激光垂准仪
laser printer,激光印刷机
laser probe mass spectrometer,激光探针质谱计
laser scatterometer,激光散射计
laser sensor,激光传感器
laser spectrum radiator,激光光谱辐射计
laser tachometer,激光转速仪
laser theodolite,激光经纬仪
latent heat,潜热
lateral logger,侧向测井仪
lateral probe movement,左右扫查

lateral scan,左右扫查
lead capacitance,接线电容
lead compensation,超前补偿
lead inductance,接线电感
lead/lag module,超前/滞后组件
lead module,超前组件
lead network,超前网络
leading edge,前缘
leading peak,前伸峰
leak pressure,泄漏压力
leakage current screen,泄漏电流屏蔽
leakage magnetic field,漏磁场
leakage magnetic field inspection,漏磁探伤法
leakage magnetic flow detector,漏磁探伤仪
leakage resistance,漏电阻
least-squares line,最小二乘直线
least-squares linearity,最小二乘线性度
length,长度 length control device,定长装置
length of a scale division,标度分格间距; 分格(度)长度
lengthy bellows,长波纹管
lens micrometer,透镜测微器
level,水准仪; 水准器; 水准泡; 级; 电平; 物位
level recorder,电平记录仪
level transducer(sensor),物位传感器
leve-braked motor,杠杆式制动电动机
lever-type vibrograph,杠杆式测振仪
library,程序库
library searching,谱库检索
life,寿命
life of X-ray tube,X射线管寿命试验
lift of hydrofoil,水翼升力
lift-drag of towed vehicle,拖曳体升阻比
lift-off effect,提高效应
ligand chromatography,配位体色谱法
light button,光按钮
light digital logging instrument,轻便数字测井仪
lightning,闪电
limit alarm sensor,极限报警检测器
limit equivalent conductance,极限当量电导
limit frequency,极限频率
limit of detection,检测限
limit of intrinsic error,基本误差限
limit resolution,极限分辨率
limit switch,限位开关

limited breathing enclosure,限制通气外壳
limited current,极限电流
limiting availability,极限可用度
limiting control,极限控制
limiting effective wavelength,极限有效波长
limiting operationg condition,极限工作条件
limiting temperature,极限温度
limiting vacuum,极限真空度
limiting value for operation,工作极限值
limiting value for storage,贮存极限值
limiting value for transport,运输极限值
limits of error,误差（极）限
limits of operating error,工作误差根限
line,线路
line-at-time printer,行式印刷机[打印机]；一次一行印刷机
line-by-line scanning,面扫描
line coupler,线路耦合器
line focus,线焦点
line frame,线路帧
line pair,线对
line printer,行式打印机[印刷机]；一次一行印刷机
line protocol,线路协议
line scanning,线扫描
line sensitivity,线灵敏度
line strain,线应变
line to line resolution,线分辨力
line turnaround,线路换向
line voltage regulation,电源电压调整率
linear absorption coefficient,线性吸收系数
linear acceleration,线加速度
linear acceleration transducer[sensor],线加速度传感器
linear array,线阵
linear control system,线性控制系统
linear control system theory,线性控制系统理论
linear conversion,线性转换
linear dispersion,线色散
linear displacement,线位移
linear displacement grating,直线位移光栅
linear dual slope type,线性双斜型
linear electric actuator,电子直线加速器
linear location,线定位
linear motion valve,直行程阀
linear optimal control system,线性最优控制系统
linear prediction,线性预报

linear programming,线性规划
 linear ramp type,线性斜坡型
 linear range,线性范围
 linear scale,线性标度
 linear system,线性系统
 linear system simulation,线性系统仿真
 linear thermistor,线性热敏电阻器
 linear thermodilatometry,线膨胀法
 linear time-invariant control system,线性定常控制系统
 linear time-varying control system,线性时变控制系统
 linear velocity,线速度
 linear vilocity transducer[sensor],线速度传感器
 linear visous damping,线性粘性阻尼
 linear viscous damping coefficient,线性粘性阻尼系数
 linearity,线性度
 linearity error,线性度误差
 linearity of amplifier,放大器线性; 垂直线性
 linearity of time base,时基线性
 linearization,线性化
 linearization technique,线性化方法
 linearized model,线性化模型
 lineman's spectrometer,携带式光谱仪
 linescan,线扫描曲线
 link resistance,跨线电阻
 linkage,键接
 linkage editor,连接编辑程序
 linked-scanning,联动扫描
 liquid chromatograph,液相色谱仪
 liquid chromatograph-mass spectrometer(LC-MS),液相色谱—质谱联用仪
 liquid chromatograph-mass spectrometer interface;LC-MS interface,液相色谱—质谱联用仪接口
 liquid chromatography,液相色谱法
 liquid chromatography-mass spectrometry(LC-MS),液相色谱—质谱法
 liquid column(of liquid-inglass thermometer), (玻璃温度的) 液柱
 liquid columnm manometer,液柱压力计
 liquid crystal thermometer,液晶温度计
 liquid densitometer,液体密度计
 liquid density transducer[sensor],液体密度传感器
 liquid displacement system,液体置换系统
 liquid displacement displacement technique,液体置换法
 liquid filled case,充液压力表
 liquid-in-glass thermoneter,玻璃温度计
 liquid junction potential,液接电位
 liquid-liquid cromatography,液液色谱法

liquid phase loading,液相载荷量
liquid pressure recovery factor,液体压力恢复系数
liquid refraction meter,标尺折光仪
liquid sealed drum gas flowmeter,液封转筒式气体流量计
liquid-solid chromatography,液固色谱法
liquid surface acoustical holography,液面声全息
liquid thermometer,液体温度表
liquid thermostatic bath,液体恒温槽
liquid visual expansion coefficient,液体视膨胀系数
list,表
list processing,表处理
listener,收听站
lithium chloride humidity-dependent resistor,氯化锂湿敏电阻器
live time,活时间
load,负荷
load amplitude,负荷幅
load cell,称重[负载]传感器
load regulation,负载调整率
loading error,负载误差
loading system,加荷系统
local area network(LAN),局域网
local asymptotic stability,局部渐近稳定性
local automation,局部自动化
local controller,局部控制者
local data base,局部数据库
local decision maker,局部决策者
local feedback,局部反馈
local lightning counter,局地闪电计数器
local magnetization,局部磁化
Local Operating Net Works;LON Works,LON Works 总线;局部操作网络
local optimum,局部最优
local stability,局部稳定性
location counter,位置计数器
lock-out submersible,可出舱潜水的潜水器
lock signal,锁信号
log magnitude-frequency characteristics,对数幅频特性
log magnitude-phase diagram,对数幅相图
log phase-frequency characteristics,对数相频特性
logarithmic amplifier,对数放大器
logarithmic decrement,对数衰减
logarithmic gain,对数增益
logger,测井仪器
logging recorder,测井记录仪
logging tool,下井仪器

logic control,逻辑控制
logical address,逻辑地址
logical control,逻辑控制
logical model,逻辑模型
logical ring,逻辑环
long distance water level recorder,遥测水位计
long period seismograph,长周期地震仪
long-radius nozzle,长径喷嘴
long term running test,长期运转试验
longitudinal magnetization,纵向磁化
longitudinal magnetizing ampere turn,纵向磁化安匝数
longitudinal resolution,纵向分辨力 1
ongitudinal wave,纵波
longitudinal wave probe,纵波探头
longitudinal wave technique,纵波法
look-at-me(LAM),请求注意
look-at-me line,请求注意线; L 线
look-at-me request,LAM 要求]
look-at-me signal,请求注意信号; L 信号
loop galvanometer,回线式振动子
loopback checking,回送检验
loudness contours,等响曲线
loudness,响度
loudness level,响度极
low altitude sonde,低空探空仪
low cost automation,低成本自动化
low e.m.f.potentiometer,低电位电位差时
low electron energy diffractometer(LEED),低能电子衍射仪
low frequency fatigue testing machine,低频疲劳试验机
low limiting control,下限控制
low noise valve,低噪声阀
low-recovery valve,低压力恢复阀
low speed balancing,低速平衡
low-speed magneto synchronous motor,永磁式低速同步电动机
low temperature humidity chamber,低温恒温恒湿箱
low temperature strain gauge,低温应变计
low temperature test,低温试验
low-temperature test chamber,低温试验箱
low temperature testing machine,低温试验机
low temperature thermistor,低温热敏电阻器
low-temperature treatment,低温处理
low tension loop,低压回路
low voltage terminal,低压端
low water,低潮

lower actual measuring range value,实际测量范围下限值
lubricator,注油器
luminance transducer[sensor],亮度传感器
luminous flux,光通量
luminous intensity,发光强度
lysimeter,渗水测定器
M
MA-scope,MA 型显示
Mach number,马赫数
machine code,机器代码
machine intelligence,机器智能
machine language,机器语言
machine type rock ore densimeter,机械式岩矿密度仪
macro analysis,常量分析
macro instruction,宏指令
macro-economic model,宏观经济模型
macro-economic system,宏观经济系统
macroassembly language,宏汇编语言
magnet,磁铁
magnet assembly,磁体
magnet dynamic instrument,磁式动态仪器
magnetic analyzer,磁分析器
magnetic balance,磁秤
magnetic card,磁卡
magnetic core,磁心
magnetic damper,磁性阻尼器
magnetic deflection,磁偏转
magnetic detector for lightning currents,闪电电流磁检示器
magnetic disc,磁盘
magnetic domain attachment,磁畴附件
magnetic drum,磁鼓
magnetic field,磁场
magnetic field meter,磁场计
magnetic field strength transducer[sensor],磁场强度传感器
magnetic flow detection ink,磁悬液
magnetic flow transducer,磁性流量传感器
magnetic flux transducer[sensor],磁通传感器
magnetic grating displacement transducer,磁栅式位移传感器
magnetic induced polarisation instrument,磁激电仪
magnetic locator,磁定位器
magnetic logger,磁测井仪
magnetic oxygen transducer[sensor],磁式氧传感器
magnetic particle,磁粉
magnetic particle inspection,磁粉探伤机 magnetic potentiometer,磁位计

magnetic prospecting instrument,磁法勘探仪器 magnetic(quantity)transducer[sensor],磁(学量)传感器
 magnetic resistivity instrument,磁电阻率仪
 magnetic resistor,磁敏电阻器
 magnetic rotation comparison,磁旋比
 magnetic scale width meter[gauge],磁栅式宽度计
 magnetic screen[shield],磁屏蔽
 magnetic sensor,磁传感器
 magnetic separator,磁性分选仪
 magnetic storage,磁存储器
 magnetic susceptibility logger,磁化率测井仪
 magnetic tape,磁带
 magnetic tape unit,磁带机
 magnetic wind,磁风
 magnetization method,磁化方法
 magnetizer,充磁机
 magnetizing,磁化
 magnetizing assembly,磁化装置
 magnetizing coil,磁化线圈
 magnetizing current,磁化电流
 magnetizing time,磁化时间
 magneto electric balance,电磁天平
 magneto sensor,磁敏元件
 magnetoelastic effect,压磁效应
 magnetoelastic force transducer,磁弹性式力传感器
 magnetoelastic rolling force measuring instrument,磁弹性式轧制力测量仪 magnetoelastic tensiometer,磁弹性式张力计
 magnetoelastic torque measuring instrument,磁弹性式转矩测量仪
 magnetoelastic torque transducer,磁弹性式转矩传感器
 magnetoelastic weighing cell,磁弹性式称重传感器
 magnetolectric phase difference torque measuring instrument,磁电相位差式转矩测量仪
 magnetolectric phase difference torque transducer,磁电相位差式转矩传感器 magnetolectric tachometer,磁电式转速表
 magnetolectric tachometric transducer,磁电式转速传感器
 magnetolectric velocity measuring instrument,磁电式速度测量仪
 magnetolectric velocity transducer,磁电式速度传感器
 magnetometer,磁强计; 磁力仪
 magneto-optical effect magnetometer,磁阻磁强计
 magnetostrictive magnetometer,磁致伸缩磁力仪
 magnetostriction testing meter,磁致伸缩测试仪
 magnetostrictive transducer,磁致伸缩振荡器
 magnetreater,磁处理机
 magnetrol,磁放大器
 magnification,放大倍率

magnitude-frequency characteristics,幅频特性
magnitude margin,幅值裕度; 幅值裕量
magnitude-phase characteristics,幅相特性
main axle of penetrator,压头主轴
main storage,主存储器
main valve,主阀
maintainability,可维修性; 可维护性; 维修性; 维修度
maintenance,维修; 维护
maintenance test,维护试验
major loop,主回路
management decision,管理决策
management information system(MIS),管理信息系统
management level,管理级
management science,管理科学
manager,管理站
Manchester encoding,曼彻斯特编码
mandatory standard,强制性标准
manipulated variable,操纵变量
man-machine communication,人机通信
man-machine coordination,人机控制
man-machine coordination,人机协调
man-machine interaction,人机交互
man-machine interface,人机界面
man-machine system,人机系统
manned submersible,载人潜水器
manometer,压力计
manual control,手动控制
manual data input programming,手动数据输入编程; 人工数据输入编程
manual operating device,手动装置
manual operating mode,手动运转方式
manual scanning,手动扫查
manual station,手动操作器
manufacturing automation protocol(MAP),制造自动化协议; 生产自动化协议
manufacturing message service(MMS),加工制造报文服务
mapping,页面寻址; 面分布图
marine barometer,船用气压表
marine digital seismic apparatus,海洋数字地震仪
marine flux-gate magnetometer,海洋地球物理勘探
marine gravimeter,海洋重力仪
marine gravimetric survey,海洋重力测量
marine instrument,船用仪器仪表
marine optical pumping magnetometer,海洋光泵磁力仪
marine proton gradiometer,海洋质子梯度仪
marine proton magnetometer,海洋质子磁力仪

marine proton precession magnetometer,海洋质子磁力仪
marine seismic prospecting,海洋地震勘探
marine seismic streamer,海洋地震电缆; 拖缆; 漂浮电缆
marine vibrating-string gravimeter,海洋振弦重力仪 mark,标志
mark of conformity,合格标志
marking,标志
marking of an instrument for explosive atmosphere,防爆仪表标志
mass,质量
mass absorption coefficient,质量吸收系数
mass analyzed ion kinetic energy spectrometer(MIKES),质量分析离子动能谱仪
mass analyzer,质量分析器
mass centering,质量定心
mass centering machine,质量定心机
mass chromatography(MC),质量色谱法
mass decade range,十倍质量程
mass discrimination effect,质量歧视效应
mass dispersion,质量色散
mass flow computer,质量流量计算机
mass flow-rate,质量流量
mass flow rate sensitive detector,质量流量敏感型检测器
mass fragmentography(MF),质量碎片谱法
mass indicator,质量指示器
mass number,质量数
mass peak,质量峰
mass range,质量范围
mass scanning,质量扫描
mass spectrograph,质谱仪
mass spectrometer,质谱计
mass spectrometric analysis,质谱法
mass spectrometry(MS),质谱学; 质谱法
mass spectrometry-mass spectrometry(MS-MS),质谱-质谱法
mass spectroscopy,质谱仪器
mass spectroscopy,质谱学
mass spectrum,质谱
mass-spring system,质量弹簧系统
mass stability,质量稳定性
mass storage,大容量存储器; 海量存储器
mass-to-charge ratio,质荷比
master file,主文卷
master/slave discrimination,主从鉴别; 主副鉴别
master station,主站
master viscometer,标准粘度计
material measure,实体量器
material processibility,材料工艺性能

material tesing machine,材料试验机
mathematical model,数学模型
mathematical similarity,数学相似
mathematical simulation,数字仿真
matrix correction,基本修正
matrix effect,基体效应
matrix printer,点阵印刷机；点阵打印机
Mattauch-Herzog geometry(mass spectrograph),马-赫型双聚焦质谱法
max allowable continuous working current,最大允许连续工作电流
max deflection of linearity,最大线性偏转
maximum acceleration,最大加速度
maximum allowde deviation,最大允许扁差
maximum ballistic scanning,最大冲击拂掠
maximum capacity,最大称量
maximum cyclic load,最大循环负荷
maximum cyclic stress,最大循环应力
maximum displacement,最大位移
maximum excitation,最大激励
maximum floating voltage,最大浮置电压
maximum flow-rate,最大流量
maximum load of the test,最大试验负荷
maximum load of the testing machine,试验机最大负荷
maximum operating pressure differential,最大工作压差
maximum operationg water depth,最大工作（水）深度
maximum output inductance,最大输出电感
maximum output resistance,最大输出电阻
maximum overshoot,最大超调量
maximum peneration power,最大穿透力
maximum power supply voltage,最高电源电压
maximum principle,极大值原理；最大值原理
maximum profit programming,最大利润规划
maximum rated circumferential magnetizing current, 额定周向磁化电流；最大周向磁化电流
maximum rated force under sinusoidal conditions,正弦态最大激振力
maximum revolutions of output shaft,输出轴最大转数
maximum scale value,标度终点值
maximum sound pressure level of microphone,传声器最高声压级
maximum strain,最大应变
maximum temperature,最高温度
maximum thermometer,最高温度计；最高温度表
maximum transverse load,最大横向负荷
maximum velocity,最大速度
maximum wind speed,最大风速
maximum working pressure(MWP),最大工作压力
McLeod vacuum gauge,麦氏真空计

mean availability,平均轴就流体速度
 mean dynamic pressure in a cross-section,横截面内的平均动压
 (mean) effective wavelength, (平均) 有效波长
 mean flow-rate,平均流量
 mean life,平均寿命
 mean linear velocity of mobile phase,流动相平均线速
 mean load,平均负荷
 mean repair time(MRT),平均修理时间
 mean squared spectral density,均方谱密度
 mean strain,平均应变
 mean stress,平均应力
 mean time between failures(MTBF),平均失效间隔时间
 mean time to failure(MTTF),平均失效前时间
 mean time to restoration,平均体膨胀系数
 meantime auto-spectrometer,同时式自动光谱仪
 (measurable)quantity,(可测的)量
 measurand,被测量
 measured object,被测对象
 measured quantity,被测量
 (measure)target, (被测) 目标 measured value,被测值
 measured variable,被测变量
 measurement,测量
 measurement hardware,测量硬件
 measurement of directional response pattern,指向性响应图案测量
 measurement of exciting force,激振力的测量
 measurement of vibration quantity,振动量的测量
 measurement procedure,测量步骤
 measurement signal,测量信号
 measurement standard,测量标准 (器)
 measurement time,测量时间
 measuring amplifier,测量放大器
 measuring bridge,测量电桥
 measuring current transformer,测量用电流互感器
 measuring distance,测量距离
 measuring element(of an electro-mechanical measuring instrument), (电-机械测量仪表的) 测量机构
 measuring equipment,测量装置; 测量设备
 measuring hole,测量孔
 measuring indication system,测量指示装置
 measuring instrument,测量(仪器) 仪表; 测量器具
 measuring instrument with circuit control device,带有电路控制器件的测量仪表 measuring junction,测量端区
 measuring microphone,测试传声器
 measuring plane,测量平面

measuring point for the humidity,湿度测定点
 measuring point for the temperature,温度测定点
 (measuring)potentiometer, (测量) 电位差计
 measuring range,测量范围
 measuring range higher limit,测量范围上限值
 measuring range lower limit,测量范围下限值
 measuring section,测量段
 measuring spark gap,测量球隙
 measuring system,测量系统
 measuring terminal,测量端
 measuring time,测量时间
 (measuring)transducer, (测量) 传感器
 measuring transducer(with electrical output), (电量输出) 测量变换器
 measuring voltage transformer,测量用电压互感器
 mechanical bathythermograph(MBT),机械式深温计
 mechanical hygrometer,机械湿度计
 mechanical impedance,机械阻抗
 mechanical properties,机械性能
 mechanical quantity,机械量
 mechanical quantity transducer[sensor],力学量传感器
 mechanical regulator,机械稳速器
 mechanical resonance,机械共振
 mechanical resonance frequency of the moving element,运动部件机械共振频率
 mechanical resonance frequency of the moving element suspension, 运动部件悬挂机械共振频率
 mechanical runout,机械脱出
 mechanical sensor,力敏元件
 mechanical shock,机械冲击
 mechanical strain,机械应变
 mechanical structure type transducer[sensor],结构型传感器
 mechanical test,机械性能试验
 mechanical testing machine,机械式试验机
 mechanical top-loading balance,机械式上皿天平
 mechanical vibration,(机械) 振动
 mechanical vibrator,机械振动器
 mechanical vibraometer,机械测振仪
 mechanical zero,机械零位
 mechanical zero adjuxter,机械零位调节器
 mechanism model,机理模型
 medium temperature strain gauge,中温应变计 (片)
 mel,美 (音调的单位)
 melted quartz capacitor,熔融石英电容器
 melting heat,熔解热
 melting point,熔解点

melting point type disposable fever thermometer, 熔点型消耗式温度计
 memory, 存储器
 memory protection, 存储保护
 Mendeleev weighing, 门捷列夫称量法
 meniscus, 弯月面
 menu selection mode, 选单选择式; 菜单选择式
 meroury barometer, 水银气压表
 mercury drop amplitude, 汞滴振幅
 mercury motor meter, 水银电机式仪表
 mercury pool electrode, 示池电极
 mercury thermoneter, 水银温度表
 message, 报文
 message mode, 报文方式
 message switching, 报文交换
 messenger, 使锤
 metal base indicated electrode, 金属基指示电极
 metal-ceramic X-ray tube, 金属陶瓷 X 射线管
 metal-insoluble salt indicated electrode, 金属-难溶盐指示电极
 metal-oxide gas transducer[sensor], 金属氧化物气体传感器
 metal-oxide humidity transducer[sensor], 金属氧化物湿度传感器
 metal-spring gravimeter, 金属弹簧重力仪
 metallic material testing machine, 金属材料试验机
 metallurgical automation, 冶金自动化
 metastable dceomposition, 亚稳分解
 metastable defocussing, 亚稳去聚焦
 metastable ion, 亚稳离子
 metastable scanning, 亚稳扫描
 meteorograph, 气象计
 meteorological instrument, 气象仪器
 meteorological observation, 气象观测
 meteorological radar, 气象雷达
 meteorological rocket, 气象火箭
 meteorological satellite, 气象卫星
 meteorological tower, 气象塔
 meter, 计; 表
 meter electrodes, 测量电极
 meter flow-rate, 仪表流量
 meter for testing constant current fluxreset curve, 恒流磁通回归曲线测试仪
 meter tube(of an electromagnetic flowmeter), (电磁流量计的) 测量管
 meter wheel, 绳索记数器
 meter with maximum demand indicator, 最大需量电度表
 meters(for the measurement of the volume of fluids), (测量流体体积的) 仪表
 meters for measuring amplitude by a reading microscope, 读数显微镜测振幅法
 method for measuring amplitude by a wedge gauge, 量楔测振幅法

method of corection,校正方法
method of electron diffraction,电子衍射法
method of field emission microscope(FEM),场发射显微镜法
method of field parameter measurement,场参数测量法
meteed of instability,不稳定法
method of least squqres,最小二乘方法
method of measurement,测量方法
method of modal balancing,振型平衡法
method of spot parameter measurement,点参数测量法
method standard,方法标准
metrological performance,计量性能
mica capacitor,云母电容器
imcro adsorption detector,微量吸附检测器
micro analysis,微量分析
micro balance,微量天平
micro coulometric detector,微库仑检测器
microbarograph,微(气)压计
microbarometer,微压表
microcomputer,微(型)计算机
microcomputer alternating current resistivity instrument,微机化交流电阻率仪器
micro-computer field measuring system,微电脑野外检测系统
microcomputer induced polarization instrument,微机激电仪
micro-densitometer,微密度计
micro-economic model,微观经济模型
micro-economic system,微观经济系统
micro-heat of adsorption detector,微量吸附热检测器
micro-packed column,微填充柱
microhardness number,显微硬度值
micrometer,测微器
micrometer checker,千分表检查仪
microphone,传声器
microphone calibration apparatus,传声器械校准仪
microphone protection grid,传声器保护罩
microphone response frequency,传声器共振频率
microphone stand,传声器架
microphone temperature coefficient,传声器温度系数
microphotometer,测微光度计
micropluviometer,微雨量器
microtome,超薄切片机
microwave,微波
microwave detecton apparatus,微波检测仪
microwave distance method,微波探伤法
microwave distance meter,微波测距仪
microwave hygroscope,微波测湿仪

microwave plasma detector,微波等离子体检测器
microwave radar,微波雷达
microwave radiometer,微波辐射计
microwave remote sensing,微波遥感
micro-wave scatterometer,微波散射计
microwave thickness meter,微波厚度计
mid infrared range(MIR) remote sensing,中红外遥感
minimum achievable residual unbalance,最小可达剩余不平衡量
minimum cyclic load,最小循环应力
minimum detectable leak,最小可检漏量
minimum detectable partial pressure,最小可检分压强
minimum flow-rate,最小流量
minmum load of the testing machine,试验机最小负荷
minimum operationg pressure differential,最小工作压差
minimum phase system,最小相位系统
minimum positioning time,最小定位时间
minimum power supply voltage,最低电源电压
minimum rate of benefit,最低收益率
minimum reserve,最低储备
iminmum risk estimation,最小风险估计
minimum scale value,标度始点值
minimum strain,最小应变
minimum temperature,最低温度
minimum thermometer,最低温度计; 最低温度表
minimum variance estimation,最小方差估计
mining compass,矿山罗盘仪
mirror dial,镜大幅度盘
mirror telescope,反射望远镜
mixing length,混合长度
mixing ratio,混合比
mobile phase,流动相
mobile weather station,流动气象站
mobile X-ray detection apparatus,移动式 X 射探伤机
modal aggregation,模态集结
modal control,模态控制
modal matrix,模态矩阵
modal transformation,模态变换
mode of vibration,振型; 振动模态
mode shape,振形
model,模型; 型号
model accuracy,模型精确度
model analysis,模型分析
model base(MB),模型库
model base management system(MBMS),模型库管理系统

model checking,模型置信度
model coordination method,模型协调法
model decomposition,模型分解
model design,模型设计
model evaluation,模型评价
model experiment,模型实验
model fidelity,模型逼真度
model following control system,模型跟踪控制系统
model following controller,模型跟踪控制器
model loading,模型装载
model modification,模型修改
model of strain gauge,应变计[片]型式
model reduction,模型降价
model reduction method,模型降价法
model reference adaptive control system,模型参考适应控制系统
model reference control system,模型参考控制系统
model simplification,模型简化
model transformation,模型变换
model validation,模型确认
model variable,模型变量
model verification,模型验证
modeling,建模
modern control theory,现代控制理论
modern polarography,近代极谱法
modifiability,可修改性
modular programming,模块化程序设计
modularity,组合性
modularization,模块化
modulation,调制
modulation analysis,调制分析
modulation sideband,调制边带
modulator,调制器
modulator-demodulator;modem,调制解调器
module,模块
modulus of elasticity,弹性模量
moire fringe,莫尔条纹
moire frengre grating,莫尔条纹光栅
moisture content,含湿量;水汽含量
moisture sensor,湿敏元件
molecular absorption spectrometry,分子吸收光谱法
molecular beam mass spectrometer,调制分子束质谱计
molecular spectrum,分子光谱
molecule ion,分子离子
moment,分矩

moment of pendulum,摆锤力矩
 monitoring,监视
 monitoring hardware,监视硬件
 monitoring program,监督程序
 monochromatic radiation,单色辐射
 monochromator,单色仪
 monocolour radiation,单色辐射
 monopole mass spectrometer,单极质谱计
 most economic control(MEC),最经济控制
 most economic observing(MEO),最经济观测
 mould growth test,长霉试验
 mould test chamber,霉菌试验箱
 mouldproof packaging,防霉包装
 mountain barometer,高山气压表
 mouse,鼠标器
 movable cross-beam,移动横梁
 movement,传动机构
 moving band interface,传送带接口
 moving coil,动圈
 moving coil galvanometer,动圈式[磁电系]检流计
 moving-coil microphone,动圈传声器
 moving-conductor microphone,电动传声器
 moving element,运动部件; 可动部分
 moving-iron instrument,动铁式[电磁系]仪表
 moving-magnet galvanometer,动磁系振动物子
 moving-magnet instrument,动磁式仪表
 moving point device,移点器
 moving-scale instrument,动标度尺式仪表
 moving table,滑台
 MS-MS scanning,质谱—质谱法扫描
 mud flow meter,泥浆流量计
 mud hydrometer,泥浆比重计
 mud logger,泥浆电阻仪
 mud lubrication meter,泥浆润滑性测定仪
 mud resistance meter,泥浆电阻仪
 mud sand content meter,泥浆含砂量测定仪
 mud water loss meter,泥浆失水量测定仪
 multi-axial strain gauge,多轴应变计
 multi band seismograph,多频带地震仪
 multichannel analyzer,多道分析器
 multichannel cross correlation,多通道互相关
 multi-channel logging truck,多线式自动测井仪; 测井站
 multi-channel photo-recorder,多线照相记录仪
 multi-channel pulse height analyzer,多道脉冲高度分析仪

multi-channel X-ray spectrometer,多道 X 射线光谱仪
multi collectors mass spectrometer,多接收器质谱计
multi-colour radiation thermometer,多色辐射温度计
multi-colour thermometry,多色测温法
multi-core type current transformer,多铁心型电流互感器
multi crystal thermistor,多晶热敏电阻器
multi-frequency channel ground detector,多频道地电仪
multi-function(measuring)instrument,多功能（测量）仪表
multi-function transducer[sensor],多功能传感器
multi-idler belt conveyor scale,多托辊电子皮带秤
multi-input multi-output control system;MIMO control system,多输入多输出控制系统
multi-path diagonal-beam ultrasonic flowmeter,多声道斜束式超声流量计
multi-plane balancing,多面平衡
multi-objective decision,多目标决策
multi-plate trim,多层叠板工节流组件
multi-range(measuring)instrument,多范围（测量）仪表
multi-rate meter,复费率电度表
multi-scale(measuring)instrument,多标度尺（测量）仪表
multi-stage accelerating electron gun,多级加速电子枪
multistage flash distillation method for desalination,多级闪急蒸馏淡化法
multi-step action,多位作用
multi-step controller,多位控制器
multi-turn electric actuator,多转电动执行机构
multi-user simulation,多用户仿真
multidimensional gas chromatograph,多维气相色谱仪
multidimensional gas chromatography,多维气相色谱法
multilayer control,多层控制
multilayer system,多层系统
multilevel computer control system,多级计算机控制系统
multilevel control,多级控制
multievel coordination,多级协调
multilevel decision,多级决策
multievel process,多级过程
multilevel system,多级系统
multilink,多链路
multiloop control,多回路控制
multiloop control system,多回路控制系统
multiloop controller,多回路控制器
multimeter,万用电表
multiple channel recorder,多通道记录仪
multiple echo method,多次反射法
multiple-jet water meter,多注束水表
multiple scattering event,多重散射过程
multiple-sensor cross correlation,多传感器互相关

multiple-speed floatong action,多速无定位作用
multiple-speed floation controller,多速无定位控制器
multiple step plug,多级阀芯
multiple tide staff,群验潮杆；水尺组
multiplex link,复用链路
multiplexer,多路转换器；多路转接器
multiplexing,多路复用
multipoint connection,多点连接
multipoint network,多点网络
multipoint recorder,多点记录仪
multiprocessing,多道处理；多处理机
multiprogramming,多道程序设计
multiprojecting plotter,多位投影测图仪
multisegment model,多段模型
multispectral camera,多光谱照相机
multispectral scanner(MSS),多光谱扫描仪
multistage decision process,多段决策过程
multistate logic,多态逻辑
multistratum control,多段控制
multistratum system,多段系统
multivariable control system,多变量控制系统

电工词汇(N-R)

N

n-exponent, n-指数

N.T.C.thermistor, 负温度系数热敏电阻器

Nansen bottle, 南森采水器

Nansen opening-and-closing net, 南森开团式网

narrow-band filter, 窄带滤波器

narrow-band random vibration, 窄带随机振动

narrow band spectrum, 窄波段

national satellite, 国土卫星

national standard, 国家标准

natural convection, 自然对流

natural electric-field method instrument, 自然电场法仪器

natural environment, 自然环境

natural field electro-detector, 天然场电测仪

natural frequency, 固有频率

natural frequency measurement, 固有频率的测量

natural frequency of rotor/bearing system, 转子支承系统固有频率

natural gamma spectrometer of logger, 自然伽玛能谱测井仪

natural inherent frequency, 自然固有频率

natural mode of vibration, 固有振型

near field, 近场

near infrared range(NIR)remote sensing, 近红外遥感

near-optimality, 近优性

nearest-neighbor, 最近邻

nebulizer, 雾化器

negative feedback, 负反馈

negative knives linear, 负刀联线

negative pressure, 负压; 真空

negative shock response spectrum, 负冲击响应谱

negative strain, 负应变

negative temperature coefficient thermistor, 负温度系数热敏电阻

nephelometer, 浊度表

nephoscope, 测云器

Nernst equation, 能斯特方程

nest, 嵌套

net pyrgeometer, 净地球辐射表

net pyrradiometer, 辐射平衡表

net radiation, 净辐射; 辐射平衡; 辐射差额

net retention time, 净保留时间

net retention volume, 净保留体积

net sounder, 网位仪

net terrestrial radiation,净地球辐射
network frame,网络帧
network management,网络管理
network model,网络模型
network protocol,网络协议
network technique,网络技术
neutral absorption,中性吸收
neutral filter,中性滤光片
neutral zone,中间区
neutrally buoyant float,中性浮标
Newton's fluid,牛顿流体
neutron dosimeter,牛顿流动定律
neutron dosimeter,中子剂量计
neutron logging instrument,中子测井仪
neutron radiography,中子射线照相术
neutron spectrometer,中子能谱仪
neutron-gamma radiometer,中子伽玛辐射仪
Nickel-Chromium/CopperNickel thermocouple,镍铬-铜镍热电偶
Nickel-Chromium/NickelAluminium[Silicom] thermocouple, 镍铬-镍铝[硅]热电偶
Nickel-Chromium-Silicom/Nickel-Silicom thermocouple,镍铬硅镍硅热电偶
Nier-Johnson geometry mass spectrometer,尼尔-约翰逊型 双聚焦质谱计
NIM bin NIM,机箱
Niskin sterile water sampler,尼斯金无菌采水器
nitrile rubber(Buna N),丁晴橡胶
nitrogen dioxide transfer furnace,二氧化氮转化炉
nitrogen-oxide analyzer,氮氧化物分析仪
NMR absorption band,核磁共振吸收带
NMR absorption line,核磁共振吸收线
NMR equipment,核磁共振仪
NMR line width,核磁共振线宽
no-load,空负荷
no-load test,空载试验
node,节点
noetic science,思维科学
noise,噪声
noise dose,噪声剂量
noise dose meter,噪声剂量计
noise factor,噪声系数
noise generator,噪声发生器
noise level,噪声电平
noise level analyzer,噪声级分析仪
noise prediction,噪声预估
noise room,噪声室
noise suppressing varistor,消噪电压敏电阻器

noise thermometer, 噪声温度计
noise transducer [sensor], 噪声传感器
nominal cartridge diameter of microphone, 传声器极头公称直径
nominal characteristic, 名义特性
nominal flow-rate, 公称流量
nominal heat value, 标定热值
nominal humidity, 标称湿度
nominal operating condition, 正常工作条件
nominal pressure rating, 公称压力
nominal range, 标称使用范围; 标称量限
nominal range of use, 标称使用范围
nominal size, 公称通径
nominal temperature, 标称温度
nominal travel, 标称行程
nominal value, 标称值
nominal voltage ratio, 标称电压比
non-conformity, 不合格
non-contact thermometry, 非接触测温法
non-crystalline electrode, 非晶体电极
non-delimiter byte, 非定界字节
non-destructive inspection, 无损探伤
non-destructive inspection machine, 无损探伤机
non-dimensional [relative] velocity, 无量纲[相对]速度
non-dispersive infra-red gas analyzer; NDIR gas analyzer, 非色散红外线气体分析器; NDIR 气体分析器
non-engineering system simulation, 非工程系统仿真
non-enveloped thermistor, 非密封型热敏电阻器
non-function type optic-fibre temperature transducer, 非功能型光纤温度传感器
non-interacting control, 无相关控制
non-interchangeable accessory, 不可互换附件
non-isolated analogue input, 非隔离的模拟输入
non-line conversion, 非线性转换
non-linear damping, 非线性阻尼
non-magnetic strain gauge, 抗磁性应变计
non-Newtonian fluid, 非牛顿流体
non-radioactive electron capture detector, 无放射源电子捕获检测器
non-reference line imaginary real amplitude receiver, 无参考线虚分量仪
non-relevant failure, 非关联失效
non return magnetometer, 无定向磁力仪
non rotational imaging, 无旋转成象
non-selective radiator, 非选择辐射体
non split stream injector, 无分流进样器
non-uniformity of chart [paper] speed, 纸速不均匀性
non-uniqueness, 非唯一性

noncapacitive a.c.arc,非电容性交流电弧
nondeterministic control system,非确定性控制系统
nondeterministic model,非确定性模型
nondiffraction X-ray spectrometer,非衍射 X 射线光谱仪
nonequilibrium state,非平衡态
nonequilibrium system,非均衡系统
nonlinear characteristics,非线性特性
nonlinear control system,非线性控制系统
nonlinear control system theory,非线性控制系统理论
nonlinear estimation,非线性估计
nonlinear model,非线性模型
nonlinear prediction,非线性预报
nonlinear programming,非线性规划
nonlinear scale,非线性标度
nonlinear system simulation,非线性系统仿真
nonlinear vibration,非线性振动
nonlinear viscous damping,非线性粘性阻尼
nonlinearity,非线性
nonmetallic material testing machine,非金属材料试验机
nonreturn-to-zero (NRZ),不归零制
normal barometer,标准气压表
normal beam technique,垂直法
normal beam testing,垂直法
normal calomel electrode,当量甘汞电极
normal distribution,正态分布
normal flow rate,正常流量
normal modes,正态振型
normal operating conditions,正常工作条件
normal-phase liquid chromatography,正相液相色谱法
normal probe,直探头
normal station,普通站
normal stress,正应力
normal temperature strain gauge,常温应变计
normal thermometer,标准温度表
normalization method,归一法
normalization regulator,归一化调节器
normalized impedance,归一化阻抗
normalized mass spectrum,归一化质谱
normalized reactance,归一化电抗
normalized resistance,归一化电阻
normally closed solenoid valve,常关式电磁阀
normally open solenoid valve,常开式电磁阀
notch filter,节点滤波器
nozzle,喷嘴

n-th nodal unbalance,第 n 阶振型不平衡谐量
N-type oxide gas sensor,N 型氧化物气敏元件
nuclear electric quadrupole moment resonance spectroscopy,核四极共振波谱法
Nuclear Instrument Module (NIM),核仪器模块
nuclear magnetic double resonance,核磁双共振 (法)
nuclear magnetic resonance magnetometer,核磁共振磁强计
nuclear magnetic resonance spectroscopy;NMR spectroscopy,核磁共振波谱法
nuclear radiation thickness meter,核辐射厚度计
(nuclear)radiation transducer [sensor], (核) 辐射式传感器
nuclei counter,计核器
nude source,裸式离子源
null measurement,指零测量
null method,零位法
null method of measurement,零位测量法; 指零测量法; 零差测量法
null reading method,零读法
number of degrees of freedom,自由度
number of effective plate,有效板数
number of theoretical plate,理论板数
numeric key,数字键
numerical aperture (NA),数值孔径
numerical control,数值控制
numerical value (of a quantity), (量的) 数值
nutating disc flowmeter, (章动) 圆盘流量计
nutating flowmeter,章动流量计
nutrients,营养盐
nutrients analyzer for seawater,海水营养盐分析器
Nyquist plot,奈奎斯特图
O
object language,目标语言
object plane,物面
object program,目标程序
object wave,物体声束
objective evidence,客观证据
objective lens of the scanning electron microscope,扫描电子显微镜物镜
objective lens of the transmission electron microscope,透射电子显微镜物镜
oblique visibility,斜能见度
observability,可观测性; 能观测性
observation and recording device,观察和记录装置
ocean bottom seismograph,海底地震仪
ocean date station,浮标站
oceanographic geological instrument,海洋地质仪器
oceanographic instrumentation,海洋仪器
oceanographic measuring system,海洋测量系统
oceanographic observation,海洋观测

oceanographic survey,海洋调查
octave,倍频程
octave(bandwidth)filter,倍频程(宽带)滤波器
octave filter set,倍频程滤波器组
odd-even check,奇偶校验
off-axis response,离轴响应
off-line,离线
off-line processing,离线处理; 脱机处理
off-line system simulation,离线系统仿真
office automation (OA),办公自动化
office automation system (OAS),办公自动化系统
office information system (OIS),办公信息系统
officially recognized standard,官方认可标准
offset,静差
offset coefficient,静差系数
oil-filled enclosure (Ex o),充油外壳 (Ex o)
oil-water meter,原油水分仪
omegatron mass spectrometer,回旋质谱计
omnidirectional microphone,全向传声器
on-cold column injector,冷柱头进样器
one-dimensional location,线定位; 一维空间定位
on-line,在线
on-line assistance,在线帮助
on-line measurement and frequency spectrum analysis,在线测量频谱分析
on-line process gas chromatograph,在线过程气相色谱仪
on-line processing,在线处理; 联机处理
on-line real-time processing,在线实时处理
on-line real-time system,联机实时系统
on-line system simulation,在线系统仿真
on-off action,通断作用
on-off controller,通断控制器
one-man atmospheric submersible,常人常压潜水器
one-third octave filter,1/3 倍频程滤波器
one-turm time of output shaft,输出轴每转时间
one-way communication,单向通信
open-circuit intermediate voltage,开路中间电压
open front case with pressure relief,带泄压装置的前开式外壳
open front case without pressure relief,无泄压装置的前开式外壳
(open hole) caliper,井径仪
open-jet wind tunnel,开口式风洞
open loop,开环
open loop control,开环控制
open loop control system,开环控制系统
open loop electronic balance,开环式电子天平

open-loop frequency response,开环频率响应
open-loop gain,开环增益
open-loop gain characteristic,开环增益特性
open loop pole,开环极点
open loop process control,开环过程控制
open loop remote control system,开环遥测控制系统
open loop stabilization,开环稳定
open loop transfer function,开环传递函数
open loop voltage gain,开环电压增益
open loop zero,开环零点
open source,裸式离子源
open system,开放系统; 开环系统
open system interconnection (OSI),开放系统互连
open tubular column,空心柱
opening valve time,开阀时间
operating conditions,工作条件
operating error,工作误差
operating influence,工作条件影响
operating limits,极限工作条件
operating period,工作周期
operating pressure differential,工作压差
operating system (OS),操作系统
operating temperature range,工作温度范围
operating time,工作时间
operational amplifier,运算放大器
operational reliability,运行可靠性
operational research model,运筹学模型
operational unit,运算器
operations research,运筹学
operative limits,极限工作条件
operator,操作员
operator command,操作员命令
operator's console,操作员操纵台
operator's station,操作员站
optic fiber displacement meter,光纤式位移计
optic fiber position measuring instrument,光纤式位置测量仪
optic fiber pressure transducer,光纤压力传感器
optic fiber tachometer,光纤式转速表
optic fiber tachometric transducer,光纤式转速传感器
optical arm length,光臂长度
optical Doppler effect,光的多普勒效应
optical fiber,光导纤维
optical fiber chemical sensor,光纤化学传感器
optical fibre magnetometer,光纤磁强计

optical fiber sensor, 光纤式传感器
optical(measurement)method, 光测法
optical micrometer, 光学测微器
optical plummet, 垂准仪; 光学对中器
optical pumping, magnetometer, 光泵磁强计; 光泵磁力仪
optical(quantity)transducer(sensor), 光(学量)传感器
optical reading range, 光学读数范围
optical spectrometer, 光学光谱仪
optical system, 光学系统
optical theodolite, 光学经纬仪
optical vibrometer, 光学测振仪
optical wedge micrometer, 光楔测微器
optima estimation, 最优估计
optimal control, 最优控制
optimal control law, 最优控制律
optimal control system, 最优控制系统
optimal control theory, 最优控制理论
optimal decision problem, 最优决策问题
optimal solution, 最优解
optimal strategy, 最做出策略
optimality principle, 最优性原理
optimization, (最)优化
optimization layer, 优化层
optimization technique, 最优化技术
optimum frequency, 最佳频率
order, 有序
order parameter, 序参数
ordinary temperature thermistor, 常温热敏电阻器
organic semiconductor gas transducer [sensor], 有机半导体气体传感器
organic semiconductor humidity transduce [sensor], 有机半导体湿度传感器
organic semiconductor thermistor, 有机半导体热敏电阻器
orientation, 定向
orientation control, 定向控制
orifice, 节流孔
orifice plate, 孔板
orifice-and-plug flowmeter, 锥塞式流量计
original system, 原系统
originator, 源发站
orthogonal distrortion, 正交畸变
ortho-projector, 正射投影仪
oscillating period, 振荡周期
oscillator, 振荡器
oscillograph, 录(示)波器
oscillographic polarograph, 示波极谱仪

oscilloscope,示波器
outboard rotor,外重心转子
outdoor location,户外场所
outer package,外包装
outlier,剔除值
output device,输出单元；输出设备
output equation,输出方程
output error,输出误差
output feedback,输出反馈
output fluctuation,输出波动
output force or torque stability,输出激振力或力矩的稳定性
output impedance,输出阻抗
output impedance of microphone,传声器输出阻抗
output information,输出信息
output matrix,输出矩阵
output noise,输出噪声
output prediction method,输出预估法
output shaft rotation clearance,输出轴间隙角
output shaft rotation range,输出轴转角范围
output shaft torque,输出轴转矩
output signal,输出信号
output signal "one" level,输出信号“1”电平
output signal "zero" level,输出信号“0”电平
output state,输出状态
output stem travel clearance,输出杆间隙位移
output system,输出系统
output unit,输出设备
output variable,输出变量
output vector,输出向量；输出矢量
oval gear flowmeter,椭圆齿轮流量计
oval wheel flowmeter,椭圆齿轮流量计
oven temperature,箱温
over-current protection,过电流保护
over-voltage protection,过电压保护
overall design,总体设计
overdampin,非周期阻尼；过阻尼
overflow,溢出
overflow indication,溢出指示
overlapping averages,滑动平均
overlapping event,交迭事件
overload,过载；超负荷
overload flow-rate,过载流量
over-load meter,过载仪
overpressure characteristic,超压特性

overpressure failure,超压破裂
 overrange,过范围
 overrange limit,过范围限
 overshoot,过冲; 超调量; 过振比
 overview panel,总貌画面
 overvoltage protection varistor,过电压保护电压敏电阻器
 oxide thermistor,氧化物热敏电阻器
 oxygen bomb,氧弹
 oxygen bomb calorimeter,氧弹式热量计
 oxygen (pressure)gauge,氧压力表
 oxygen regulator,氧气减压器
 ozone analyzer,臭氧分析仪
 ozone sonde,臭氧探空仪
 ozone spectrophotometer,臭氧分光光度仪
P
 P-net,P-net 总线
 P-scope,P 型显示
 P.T.C.thermistor,正温度系数热敏电阻器
 p-type oxide gas sensor,P 型氧化物气敏元件
 P-V-T-t technique,压力-容积-温度-时间法
 pack,包装件
 package,包装; 包装件
 packaging,包装
 packaging standard,包装标准
 packed capillary column,真充毛细管柱
 packed column,填充柱
 packed-type solenoid valve,填料函型电磁阀
 packet,包
 packet mode,包方式
 packet sequencing,包排序
 packet switching,包交换
 packing,包装
 packing box assembly,填料函组件
 packing machine (liquid chromatographic column), (液相色谱柱) 装填机
 packless solenoid valve,无填料函型电磁阀
 page addressing,页面寻址
 page printer,页式打印机
 page-at-a-time printer,一次一页印刷机; 页式印刷机
 panel,盘; 屏, 画面
 panel mounting (pressure) gauge,盘装压力表
 panoramic exposure,周向照射; 全景照射
 pantograph,缩放仪
 paper based strain gauge,纸基应变计
 paper chromatography,纸色谱法

paper tape,纸带
paper tape punch,纸带空孔机
paper tape reader,纸带阅读机
paper tape unit,纸带单元
parachute drogue,漂流伞
parallax,视差
parallel computer,并行计算机
parallel crate controller,并行机箱控制器
parallel highway,并行信息公路
parallel operation,并行操作; 并联工作
parallel output system,并行输出制
parallel plate micrometer,平板测微器
parallel processing,并行处理
parallel programming,并行程序设计
parallel transmission,并行传输
paramagnetic oxygen analyzer,顺磁式氧分析器
parameter,参数
parametric input,参量输入
parasitic echo,干扰反射波
parasitic voltage of voltage divider,分压箱寄生电压
parasol radiometer,伞式辐射计
parent-molecule ion,母分子离子
parity check,奇偶校验
partial failure,部分失效
partial immersion,thermometer,局浸温度计
partial pressure gauge (PPG),分压强计
partial radiation thermometer,部分辐射温度计
partition chromatography,分配色谱法
partition coefficient,分配系数
partition isotherm,分配等温线
part-turn electric actuator,角行程电动执行机构
Pascal,帕(斯卡)
pass-line deflection,跑偏
passing unregistered gas (PUG),漏记气体
passive remote sensing,被动遥感
passive transducer [sensor],无源传感器
path,通路
path frame,通路帧
path protocol,通路协议
path unit,通路单元
pattern,探伤图形
pattern coefficient,图型系数
pattern recognition,模式识别
peak,峰

peak area,峰面积
peak base,峰底
peak detector,峰值检波器
peak distortion,谱峰畸变
peak energy,峰能量
peak height,峰高
peak identification,谱峰鉴别
peak matching,峰匹配
peak of noise,噪声高度
peak overlap,谱峰重叠
peak point,峰顶(点)
peak separation,峰距
peak shape factor,峰形系数
peak sound pressure,峰值声压
peak stripping,谱峰剥离
peak temperature,峰温度
peak time,峰值时间
peak-to-peak value,峰峰值
peak-to-peak value of displacement,峰-峰值位移
peak (top) flatness,峰顶平直度
peak transmittance,峰值透过率
peak value,峰值
peak value of humidity,湿度峰值
peak value of temperature,温度峰值
peak voltmeter,峰值电压表
peak wavelength,峰值波长
peak width,峰宽
peak width at half height,半高峰宽
Peltier coefficient,珀尔帖系数
Peltier heat,珀尔帖热
pen,墨水笔
pen recorder,笔式记录仪
pen rising mechanism,抬笔机构
pendulum impact testing machine,摆锤式冲击试验机
pendulum meter,摆仪
pendulum striking edge,摆锤冲击刀刃
penetrometer,透度计; 像质计
penetrant inspection unit,渗透液清洗剂
penetrant testing method,渗透探伤法
penetrants,渗透液
Penning gauge,冷阴极电离规; 潘宁规
percentage of theoretical slope (PTS),百分理论斜率
performance,性能
performance characteristics,性能特性

performance evaluation,性能指标
periodic and random deviations(PARD),周期和随机偏差
periodic damping,周期阻尼; 欠阻尼
periodic test,定期试验
periodic vibration,周期振动
periodic waves marker,周期波时标
peripheral control unit,外围设备控制器
peripheral equipment,外围设备
peripheral flow-rate,周缘流量
peripheral interface adapter(PIA),外围接口适配器
peripheral transfer,外围传送
peristaltic multi-channel pump,多通道蠕动泵
permanent flow-rate,常设流量
permanent-magnet-coil instrument,永磁动圈式[磁电系]仪表
permanent magnetic lens,永磁透镜
permanent-magnet movingcoil galvanometer,永磁动圈式[磁电系]检流计[振动物子]
permeability,渗透率
permeability tube,渗透管
permeameter,磁导计
permissible cumulative discharge of standard cell,标准电池允许累计放电量
permissible discharge of standard cell,标准电池允许放电量
persistent wave NMR spectroscope,边疆波核磁共振波谱仪
personal error,人为误差
petroleum oil detection buoy system,石油探测浮标系统
pH electrode assembly,pH 复合电极
pH meter,pH 计
pH transducer [sensor],pH 传感器
pH value,pH 值
phase,相
phase analysis,相位分析
phase angle,相角
phase angle stabilization,相角稳定
phase contrast,位相衬度
phase controlled circuit breaker,断电相位控制器
phase datum mark,相位基准标记
phase detection,相位检测
phase detector,鉴相器
phase difference,相位差
phase difference torque transducer,相位差式转矩传感器
phase displacement,相位差; 角误差
phase distance meter,相位式测距仪
phase indicator,相位指示器
phase lag,相位滞后
phase lead,相位超前

phase locus,相轨迹
phase margin,相位裕度
phase measurement,相位的测量
phase meter,相位表
phase modulation (PM),相位调制; 调相
phase of unbalance,不平衡相位
phase plane,相平面
phase plane portrait,相平面图
phase ratio,相比率
phase reference generator,参考相位发生器
phase response,相位响应
phase sensitive detector,相敏检波器
phase sequence indicator,相序指示器
phase space,相空间
phase trajectory,相轨迹
phase transition,相变
phase variable,相变量
phase-continuous FSK,相位连续 FSK
phase-crossover frequency,相位交越频率
phase-frequency characteristics,相频特性
phase-shift ultrasonic flowmeter,相移式超声流量计
phon,方 (响度级的单位)
phosphorescence,磷光
photo conduction tube,光导管
photo electron spectroscopy (PES),光电子能谱法
photo-electrical coded compass,光电码罗盘
photo-electrostatic display recorder,感光静电显示记录仪
photo ionization,光电离
photo resistor,光敏电阻器
photo-sensitive recorder,感光显示记录仪
photo sensor,光敏元件
photo-theodolite,摄影经纬仪
photoacoustic spectrometry,光声光谱法
photoconductive transducer [sensor],光导式传感器
photoelectric colorimeter,光电比色法
photoelectric comparator,光电比较仪
photoelectric effect,光电效应
photoelectric fluxmeter,光电磁通表
photoelectric length meter,光电式长度计
photoelectric position detector,光电式位置检测器
photoelectric roll gap measuring instrument,光电式辊缝测量仪
photoelectric tachometer,光电式转速表
photoelectric tachometric transducer,光电式转速传感器
photoelectric thermometer,光电温度计

photoelectric transmissometer,光电透射仪
photoelectric width meter [gauge],光电式宽度计
photoelectro magnetic element,光电磁敏元件
photoionization detector (PID),光离子化探测器
photometer,光度计
photometric linearity,光度测量线性
photomultiplier,光电倍增管
phototheodolite,摄影经纬仪; 照相经纬仪
phototube,光电管
photovoltaic cell,光电池
photovoltaic transducer [sensor],光伏式传感器
physical layer (PL),物理层
physical model,物理模型
physical modeling,物理建模
physical property type transducer [sensor],物性型传感器
physical quantity transducer [sensor],物理量传感器
physical similarity,物理相似
physical simulation,物理仿真
physical symbol system,物理符号系统
physiological quantity transducer [sensor],生理量传感器
picture spectrograph,图象摄谱仪
piezoelectric acceleration transducer,压电式加速度传感器
piezoelectric effect,压电效应
piezoelectric force transducer,压电式力传感器
piezoelectric microphone,压电传声器
piezoelectric pressure transducer,压电式压力传感器
piezoelectric transducer [sensor],压电式传感器; 压电换能器
piezoelectric vibrator,压电振动器
piezoelectric vibrometer,压电式振动计
piezometer ring,均压环
piezo-resistance effect,压阻效应
piezoresistive acceleration transducer,压阻式加速度传感器
piezoresistive accelerometer,压阻式加速度计
piezoresistive effect,压阻效应
piezoresistive pressure transducer,压阻式压力传感器
piezoresistive transducer [sensor],压阻式传感器
piezoresistive vibrometer,压阻式振动计
piggy-back microbiological sampler,复背式微生物采集器
pilot,先导阀
pilot valve,指挥器
pilot balloon theodolite,测风经纬仪
pilot-operated regulator,指挥器操作型自力式调节阀
pilot-operated solenoid valve,先导型电磁阀
pin-cushion distortion,枕形畸变; 正畸变

pinger,水声信标
pinion,轴齿轮
pink noise,粉红噪声
pipe prover,标准体积管; 管式校准器
pipe reducer,异径接管
Pirani gauge,电阻规; 皮拉尼规
Pirani vacuum gauge,皮拉尼真空计
piston,活塞
piston actuator,活塞执行机构
piston-cylinder assembly,活塞部件
piston gauge,活塞式压力计
piston gauge with equilibrium liquid,带平衡液柱活塞式压力计
piston gauge with re-entrant cylinder column,反压活塞式压力计
piston prover,活塞校准器
piston rotation perdurability,活塞下降速度
piston with weight carrier,带有底盘装置的活塞
pistonphone,活塞发声器
Pitot static tube,皮托静压管
Pitot tube,皮托管
pivot galvanometer,轴尖式检流计
pivot knife-plane,支点刀座
plain glass window,防护白玻璃观察窗
planar array,平面阵
planar (quad) location,平面定位
plane bearing,平面支承
plane grating,平面光栅
plane separation,平面分离
plane separation network,平面分离电路
plane table equipment,平板仪
plane table thermoconductivity meter,行星齿轮减速器
planimeter,求积仪
plankton bucket,浮游生物网底管
plankton counting chamber,浮游生物计数框
plankton haul [trawl],浮游生物拖网
plankton net,浮游生物网
plankton pump,浮游生物泵
plankton tow net,浮游生物拖网
plankton volume indicator,浮游生物体积测量器
plant environment,工厂环境
plant growth test chamber,植物生长试验箱
plasma chromatograph-mass spectrometer (PC-MS),等离子色谱-质谱联用仪
plasma chromatography,等离子蚀刻机
plastic sampler,塑料采水器
plastic window,塑料观察窗

plasticity, 塑性
plate wave, 板波
plate wave technique, 板波法
plateau, 平台; 坪
Platinum-10% Rhodium/Platinum thermocouple, 铂铑 10-铂热电偶
Platinum-13% Rhodium/Platinum thermocouple, 铂铑 13-铂热电偶
Platinum-30% Rhodium/Platinum-6% Rhodium thermocouple, 铂铑 30-铂铑 6 热电偶
platinum resistance thermometer sensor, 铂热电阻
playback apparatus, 回放仪
plotter, 绘图机; 绘图仪; 地震剖面仪
plotting tablet, 标图板
plug-in unit, 插件
plug valve, 旋塞阀
plumb, 垂直器
plunger, 动铁芯
plunger pump, 柱塞泵
plunger tube, 隔磁管
plunger viscometer, 活塞式粘度计
pluviograph, 雨量计
pluvioscope, 降水测定器
pneumatic actuator, 气动执行机构
pneumatic bubbling gauge, 补气引压式验潮仪
pneumatic control, 气动控制
pneumatic limit operator, 气动极限操作器
pneumatic piston gauge, 气动活塞式压力计
pneumatic pump, 气动泵
pneumatic rotary actuator, 角行程气动执行机构
pneumatic system, 气动压力系统
pneumatic thickness meter, 气动厚度计
point drift, 点漂
point filament, 点头灯丝
point location, 点定位
point-to-point connection, 点对点连接
point-to-point control, 点对点控制; 点位控制
point-to-point control system, 点到点控制系统
point to point resolution, 点分辨力
point-to-point transmission, 点对点传输
pointer, 指针; 指示字
pointer adjustment, 指针调整器
pointer galvanometer, 指针式检流计
pointer instrument, 指针式仪表
pointer length, 指针长度
pointer travel, 指针转角
points of mean axial fluid velocity, 平均轴向流体速度点

poise nut,平衡铊
polar aurora,极光
polar coordinate type potentiometer,极坐标式电位差计
polar plot,极线图
polarimeter,偏振表; 偏振计
polarimetry,旋光法
polariscope,偏振仪
polarity indicator,极性响应时间
polarization voltage,极化电压
polarized cartridge capacitance,极化极头电容
polarogram,极谱图
polarograph,极谱仪
polarograph quantitative detection limit,极谱仪定量检测限
polarographic cell,极谱池
polarographic maxima,极谱极大
polarography,极谱法
pole,极点
pole assignment,极点配置
pole piece,极靴
polling,探询; 轮询
pollution,污染
polyamide,聚酰胺
polyethylene,聚乙烯
polypropylen,聚丙烯
polytetrafluor-ethylene (teflon),聚四氟乙烯 (特氟隆)
polyvinyliden fluoride,聚氟乙烯
popular scanning electron microscope,普及型扫描电子显微镜
popular transmission electron microscope,普及型透射电子显微镜
population,总体
porcelain insulator,绝缘瓷瓶
porous polymer beads,高分子多孔小球
porous-layer open-tubular column;PIOT column,多孔层空心柱
port,通信口; 端口
port guiding,阀口导向
portable hardness tester,携带式硬度计
portable multipurpose instrument set,轻便综合观测仪
portable X-ray detection apparatus,携带式 X 射线探伤机
portability,可移植性
portable (measuring) instrument,可[便]携式 (测量) 仪表
position,位置
position encoder,位置编码器
position error,位置误差; 四角误差
position error coefficient,位置误差系数
position feedback,位置反馈

position indicating switch, 阀位指示开关
position limit switch, 行程开关
position transducer [sensor], 位置传感器
positioner, 定位器
positive displacement flowmeter, 容积式流量计
positive feedback, 正反馈
positive knives linear, 正刀联线
positive-negative action, 正负作用
positive negative three-step action, 正负三位作用
positive pressure, 正压
positive shock response spectrum, 正冲击响应谱
positive strain, 正应变
positive system, 正系统
positive temperature coefficient thermistor, 正温度系数热敏电阻
post emulsifiable dye penetrant testing method, 后乳化性着色渗透探伤法
post emulsifiable fluorescent penetrant testing method, 后乳化性荧光渗透探伤法
post emulsifiable penetrant, 后乳化性渗透液
potential evaporation, 蒸发率
potentiometer, 电位器
potentiometer compass, 电位器罗盘
potentiometer pressure transducer, 电位器式压力传感器
potentiometer type pressure transducer, 电位器式压力传感器
potentiometric analyzer, 电位式分析器
potentiometric displacement transducer, 电位滴定 (法)
potentiometric transducer [sensor], 电位器式传感器
potentiometry, 电位法
powder-filled enclosure (Ex q), 充砂外壳(Ex q)
powder sample, 粉末样品
power amplifier, 功率放大器
power compensation differential scanning calorimeter, 功率补偿差示扫描量热仪
power-compensation differential scanning calorimetry, 功率补偿型差示扫描量热法
power factor meter, 功率因数表
power source, 主电源
power spectral density, 功率谱密度
power supply device, 电源装置
power supply frequency, 电源频率
power supply voltage, 电源电压
power system automation, 电力系统自动化
power-fail circuit, 电源故障电路
practical response time, 实用响应时间
practical salinity scale 1978, 1978 实用盐标
pre-conditioning time, 预处理时间
pre-vacuum chamber, 预抽室
pre-weighing, 预称装置

preamplifier,前置放大器
precipitation gauge,雨量筒
precipitation intensity,降水强度
precise stereoplotter,精密立体测图仪
precision,精密度
precision disc grinder,样品磨薄机
precision micrometer [microdisplacement] inspection instrument,精密测微检定仪
precision of measurement,测量精密度
precision (pressure) gauge,精密压力表
predictive control,预测控制
preliminary adjustment,初调; 预调整
premix burner,预混燃烧器
preparative chromatography,制备色谱法
preparative gas chromatograph,制备气相色谱仪
preparative liquid chromatograph,制备液相色谱仪
prepayment meter,预付费电度表
press,压块机
pressure,压力; 压强
pressure adjusting screw,压力调节螺杆
pressure altitude formula,气压测高公式
pressure bell,引压钟
pressure compensator,压力补偿器
pressure constant state,恒压状态
pressure/depth conversion factor,压力-深度转换系数
pressure facility,压力设备
pressure frequency response of microphone,传声器声压频率响应
pressure gauge,压力表
pressure gauge tester,压力表校验器
(pressure)gauge with back connection,轴向压力表
(pressure)gauge with bottom connection,径向压力表
(pressure)gauge with electric contact,电接点压力表
(pressure)gauge with transmission device,电远传压力表
pressure gradient correction factor,压力梯度校正因子
pressure gradient microphone,压差传声器
pressure in the ocean,海洋中的压力
pressure instrument,压力仪表
pressure isolating chamber,压力隔离容器
pressure level measuring device,压力液位测量装置
pressure loss,压力损失
pressure measuring set,压力测量仪
pressure microphone,压强传声器
(pressure) multiplier,倍压器
pressure-operated plankton net,压力开关浮游生物网
pressure plate anemometer,压板风速表

pressure range, 压力范围
pressure ratio, 压力比
pressure recovery, 压力恢复
pressure regulator, 减压器
pressure regulator spring, 减压器弹簧
pressure regulator valve, 减压器滑阀
pressure regulator valve pin, 减压器阀针
pressure regulator valve spring, 减压器阀弹簧
pressure relief plug, 泄压塞[板]
pressure repeater, 压力重复器
pressure seal, 压力隔离装置
pressure sensitivity of microphone, 传声器声压灵敏度
pressure spectrum level, 声压谱级
pressure (step-type) controller, 压力(位式)控制器
pressure switch, 压力开关
pressure tappings [taps], 取压口
pressure test chamber, 气压试验箱
pressure tide gauge, 压力式验潮仪
pressure tight case, 气密外壳
pressure transducer [sensor], 压力传感器
pressure transmitter, 压力变送器
pressure tube anemometer, 压管风速表
pressure type wave gauge, 压力式测波仪
pressure vessel, 压力容器
pressurized enclosure (Ex p), 正压外壳 (Ex p)
prevacuum, 前级真空, 粗真空
prevailing wind, 盛行风
preventive maintenance, 预防性维修; 预防性维护
primary coil, 一次线圈
primary current (of a current transformer), (电流互感器的) 一次电流
primary device, 一次装置
primary feedback, 主反馈
primary force standard machine, 力基准机
primary standard, 基准(器)
primary voltage, 一次电压
primary winding, 一次绕组
principal component analysis (PCA), 主成分分析法
principal period of calorimetric test, 量热实验的主期
principal plane, 主平面
principal point, 主点
principal stress, 主应力
principle of measurement, 测量原理
printer, 打印机; 印刷机
printing current meter, 印刷海流计

printing recorder,打印式记录仪
priority,优先权; 优先级
prism mass spectrometer,棱镜质谱计
prism monochromator,棱镜单色仪
probe,探头
probe coil,探头线圈
probe coil clearance,探头线圈间隙
probe index,探头入射点
probe ion,探针离子
probe method,探针法
probe microphone,探管传声管
probe rotational scan,摆动扫查
probe to flaw distance,探头-缺陷距离
problem oriented language,面向问题的语言
procedure-oriented language,面向过程的语言
process automation,过程自动化
process control,过程控制
process control computer,过程控制计算机
process control level,过程控制级
process control software,过程控制软件
process control system,过程控制系统
process engineer's console,过程工程师操纵台
Process Fieldbus;PROFIBUS, 过程现场总线; PROFIBUS 现场总线
process gas chromatograph,流程气相色谱仪
process I/O,过程输入/输出; 过程 I/O
process input/output channel,过程输入输出通道
process input/output device,过程输入输出装置
process mass spectrometer,流程质谱计
process measurement,过程测量
process model,过程模型
process-oriented sequential control,过程定序顺序控制
process-oriented simulation,面向过程的仿真
processibility test,工艺性能试验
processor,处理机; 处理器; 处理程序
prod magnetizing method,支杆法; 圆棒电极磁化法
prods,支杆触头
product specification,产品规范
product standard,产品标准
production budget,生产预算
production function,生产函数
Profibus-DP (Decentralized Periphery),PROFIBUS-分散型外围设备总线
Profibus-FMS (Field Message Specification),PROFIBUS-现场报文规范总线
Profibus-PA (Process Automation),PROFIBUS-过程自动化总线
Profile,行规

profit control,利润控制
profit forecast,利润预测
program,程序
program architecture,程序体系结构
program-controlled testing machine,程序控制试验机
program correctness,程序正确性
program debugging tool,程序调试工具
program evaluation and review technique (PERT),计划评审技术
program execution time,程序执行时间
program file,程序文件
program file,程序文件
program library,程序库
program linking,程序连接
program mode,程序方式
program read-in,程序读入
program run,程序运行
program set station,程序设定操作器
program specification,程序规格说明
program validation,程序确认
programmable controller,可编程序控制器
programmable logic controller (PLC),可编程序逻辑控制器
programmable terminal,可编程终端
programme control digital logger,程控数字测井仪
programmed control,程序控制
programmed control system,程序控制系统; 程控系统
programmed flow gas chromatography,程序变流气相色谱法
programmed pressure gas chromatography,程序变压气相色谱法
programmed temperature gas chromatography,程序升温气相色谱法
programmer,程序(设计)员
programmer's console,程序员操纵台
programming,程序设计
programming flowchart,程序设计流程图
programming support environment,程序设计支持环境
projector,投影镜
projector for transferring,投影转绘仪
propeller, (螺) 旋桨
propeller anemograph,螺旋桨风向风速计
propeller type current-meter,旋桨式流速计
proportional action;P-action,比例作用; P-作用
proportional action coefficient,比例作用系数
proportional band(of a controller),(控制器的) 比例带
proportional bandwidth filter,比例带宽滤波器
proportional control,比例控制
proportional controller; P controller,比例控制器; P 控制器

proportional electric actuator,比例式电动执行机构
proportional gain,比例增益
proportional limit,比例极限
proportional plus derivative action;PD-action,比例微分作用; PD-作用
proportional plus derivative control,比例微分控制
proportional plus derivative controller;PD controller,比例微分控制器; PD 控制器
proportional plus integral action;PI-action,比例积分作用; PI-作用
proportional plus integral control,比例积分控制
proportional plus integral controller;PI controller,比例积分控制器; PI 控制器
proportional plus integral plus derivative action;PID-action,比例积分微分作用; PID-作用
proportional plus integral plus derivative control,比例积分微分控制
proportional plus integral plus derivative controller;PID controller,比例积分微分控制器; PID 控制器
proportionality transmitter,比值变送器
prospecting potentiometer,探矿电位计
protected junction,保护端
protective current transformer,保护用电流互感器
protective device,保护装置
protective tube,保护管
protective voltage transformer,保护用电压互感器
protocol,协议
protocol engineering,协议工程
proton(precession) magnetometer,质子旋进磁力仪
prototype,原型
prototype process time,原型过程时间
prototype variable,原型变量
prover (ball or piston), (球式或活塞式) 校准装置
proving [test] rotor,校验转子
pseudocolor density slicer,假彩色密度分割仪
psychrometer,干湿球湿度计; 干湿表
psychrometric [hygromtric] tables,湿度查算表
psychrometric constant,湿度计算常数
psychrometric formula,湿度公式
pull-rod,拉杆
pulsating flow,脉动流
pulsating flow of mean constant flow-rate,恒定平均流量的脉动流
pulse code modulation (PCM),脉码调制; 脉冲编码调制
pulse control,脉冲控制
pulse duration,脉冲持续时间
pulse duration modulation,脉冲宽度调制
pulse duration modulation magnetic tape record type strong-motion instrument,脉冲调宽式磁带记录强震仪
pulse echo technique,脉冲反射法
pulse flip angle,脉冲回转角

pulse Fourier transform NMR,脉冲傅立叶变换核磁共振(法)
pulse Fourier transform NMR spectroscope,脉冲傅里叶变换核磁共振波谱仪
pulse frequency modulation control system,脉冲调频控制系统
pulse frequency modulation magnetic tape record type strong-motion instrument,脉冲调频式磁带记录强震仪
pulse pileup rejection,脉冲堆积排除器
pulse polarograph,脉冲极谱仪
pulse position modulation,脉冲位置调制
pulse recurrence frequency,脉冲重复频率
pulse repetition frequency,脉冲重复频率
pulse transducer [sensor],脉搏传感器
pluse type airborne electromagnetic instrument,脉冲式航空电磁仪
pulse type NMR spectroscope,脉冲核磁共振波谱仪
pulse-width modulation,脉冲宽度调制
pulse width modulation control system; PWM control system,脉冲调宽控制系统
pulsed-light ceilometer,脉冲光束云高计
pulsed-light cloud-height indicator,脉冲光束云高计
pulsed optical feedback,脉冲光反馈
pump,泵
punched card,穿孔卡片
punched tape,穿孔带
Pusey and Jones indentation hardness number,赵氏硬度值
Pusey and Jones indentation instrument,赵氏硬度计
pyranograph,总日射计
pyranometer,总日射表
pyrgeometer,地球辐射表; 大气辐射表
pyrheliometer,直接日射强度表; 日射表
pyroelectric optical transducer [sensor],热释电式光传感器
pyroelectric temperature transducer [sensor],热释电式温度传感器
pyrolysis apparatus,裂解器
pyrolysis gas chromatography,裂解气相色谱法
pyrometer lamp,高温计灯泡
pyrradiometer,全辐射表

Q

Q factor,Q 值因数
Q-percentile life,可靠寿命
quad array,方阵
quadrant-edge orifice plate,1/4 圆周边缘孔板
quadrant electrometer,象限静电计
quadrupole field,四极场
quadrupole ion trap,四极离子阱
quadrupole mass filter,四极滤质器
quadrupole mass spectrometer,四极质谱计

quadrupole probe,四极探头
quadrupole residual gas analyzer,四极残余气体分析器
quadrupole rods,四极杆
qualification,鉴定
qualification standard,鉴定标准
qualification test,鉴定试验
qualitative analysis,定性分析
quantitative differential thermal analysis (QDTA),定量差示热分析
qualitative physical model,定性物理模型
quality,质量
quality assurance,质量保证
quality control (QC),质量控制
quality inspection,质量检验
quality management,质量管理
quality supervision,质量监督
quantitative analysis,定量分析
quantitative differential thermal analysis,定量差热分析
quantitative differential thermal analyzer,定量差热（分析）仪
quantity of heat,热量
quantity of illumination,光照量
quantity of radiant energy,辐射能量
quantity of radiation,幅射能量
quantity to be measured,被测量
quantization,量化
quantization error,量化误差
quantized error,量化误差
quantized noise,量化噪声
quantized signal,量化信号
quartet,四重布置；四重检测
quarter circle orifice plate,1/4 圆孔板
quartz-Bourdon tube (pressure)gauge,石英弹簧管压力计
quartz crystal unit humidity transducer[sensor]晶体振子式湿度传感器
quartz module,石英组件
quartz spring gravimeter,石英弹簧重力仪
quartz thermometer,石英温度计；石英温度表
quasi-equilibrium theory,准平衡理论
quasi-molecular ion,准分子离子
quasi-periodic vibration,准周期振动
quasi-rigid rotor,准刚性转子
quasi-sinusoidal quantity,准正弦量
quasi-static unbalance,准静不平衡
quasilinear characteristics,准线性特性
quenching,阻塞
question and answer mode,问答式

queuing theory, 排队论
quick thermophysical property measuring apparatus, 热物性快速测定仪
quintet, 五重布置; 五重检测
quotient-meter, 商值表

R

rack, 框架
radar altimeter, 雷达高度计
radial clearance, 径向间隙
radial distortion, 径向畸变
radial electrostatic field analyzer, 径向静电场分析器
radial heat shield, 隔热屏
radiance, 幅射亮度; 辐射率
radiance temperature, 亮度温度
radiance thermometry, 亮度测温法
radiant element, 辐射元件
radiant energy, 辐射能 (量)
radiant flux, 辐射通量
radiant intensity, 辐射强度
radiant power, 辐射功率
radiation, 辐射
radiation balance meter, 辐射平衡表
radiation detecting device, 辐射检测器
radiation dose transducer [sensor], 射线剂量传感器
radiation energy, 辐射能量
radiation exitance, 辐 (射) 出 (射) 度
radiation fin bonnet, 散热片型上阀盖
radiation flux, 辐射通量
radiation heatflowmeter, 辐射热流计
radiation intensity, 辐射强度
radiation monitor, 辐射监测仪
radiation pyrometer, 辐射高温计
radiation sensor, 射线敏感元件
radiation temperature, 辐射温度
radiation temperature transducer [sensor], 辐射温度传感器
radiation test, 辐射试验
radiation thermometer, 辐射温度计
radiation thermometry, 辐射测温法
radiation transducer [sensor], 射线传感器
radio chromatography, 放射色谱法
radio frequency sensor, 射频敏感器
radio wave borehole penetration system, 井中无线电波仪
radio wave penetration system, 无线电波透视仪
radioactive materials packaging, 放射性物质包装

radioactive survey,放射性测量
radiodirection finder,无线电方位测定器
radiometer,辐射仪; 辐射表
radiosonde,无线电探空仪
radiotheodolite,无线电经纬仪
radiowave penetration instrument,无线电波透视法仪器
rain proof instrument,防溅式仪器仪表
rainfall amount,雨量
rainfall intensity meter,雨量强度计
rainfallmeter,雨量强度计
raingauge,雨量器
raingauge receiver,承水器
raingauge shield,雨量器防风罩
Raman line,拉曼谱线
Raman shift,拉曼位移
Raman spectrum,拉曼光谱
ramp function,斜坡函数
ramp response,斜坡响应
ramp response time,斜坡响应时间
random access,随机存取
random disturbance,随机扰动
random error,随机误差
random event,随机事件
random failure,偶然失效
random noise,随机噪声; 无规噪声
random process,随机过程
random signal,随机信号
random uncertainty,随机不确定度
random vibration,随机振动
range,范围
range-change device,范围转换器; 量限转换器
range of load,负荷范围
range of strain,应变范围
range of stress,应力范围
range response time,范围响应时间
rangefinder,测距仪
ranging distance,测程
Rankine temperature scale,兰金温标
rangeability,范围度
rapid Fourier transform NMR correlation spectroscopy,快速傅立叶变换核磁共振相关波谱法
rapid TG-DTA unit,快速加热差示热分析仪/热天平
rate of change limiting control,变化率极限控制
rate of deformation,变形速率
rate of loading,加荷速率

rate of salt spray precipitation,盐雾沉降率
rate time,预调时间
rated accuracy limit primary current (of a protective current transformer), (保护用电流互感器的) 准确度限定的额定一次电流。
rated broad band random force,额定宽带随机激振动力
rated burden,额定负载
rated continuous thermal current,额定的连续热电流
rated dynamic current,额定动态电流
rated flow coefficient,额定流量系数
rated force under sinusoidal conditions,正弦态额定激振力
rated instrument limit primary current,仪表的额定极限一次电流
rated load,额定载荷
rated operating condition,正常工作条件; 额定工作条件
rated operating range,额定工作范围
rated operating specification,额定工作规程
rated output,额定输出
rated primary current,额定一次电流
rated primary voltage,额定一次电压
rated range,额定范围
rated range of use,额定使用范围
rated secondary current,额定二次电流
rated secondary voltage,额定二次电压
rated short time thermal current,额定短时热电流
rated static longitudinal load,额定静态纵向负荷
rated static transverse load,额定静态横向负荷
rated transformation ratio (of a current transformer), (电流互感器的) 额定变比
rated transformation ratio (of a voltage transformer), (电压互感器的) 额定变比
rated travel,额定行程; 标称行程
rated travel time,额定行程时间
rated tube current,额定管电流
rated tube voltage,额定管电压
rated value,额定值
rated valve capacity,阀额定容量
rated voltage factor,额定电压因数
rating attraction force,额定吸力
rating power consumption,额定功耗
rating test,标定试验
ratio chromatism,倍率色差
ratio controller,比值控制器
ratio meter,比率表
ratio of specific heat capacities,比热比
ratio of the pole spacing to the bore diameter of the pole pieces,极靴的间距与孔径比
ratio station,比值操作器
ratio thermometer,比色温度计

raw spectra,原谱
rawinsonde,无线电测风探空仪
reachability,可达性; 可达性
reachable set,可达集; 可达集
reachable state,可达状态; 可达状态
reaction gas,反应气
reaction gas chromatography,反应气相色谱法
reaction interval,反应区间; 反应程
reaction wheel,反作用轮
reaction wheel control,反作用轮控制
reactive energy meter[varhour meter],无功电度表[乏時計]
reactive powermeter,无功功率表
read,读
read-only memory(ROM),只读存储器
read-only storage,只读存储器
readability,易读性; 可读度; 读数精度
reading bridge,读数电桥
reading strain,应变读数
readjustments,重调
readout time,读出时间
real gas critical flow coefficient,真实气体临界流量系数
real-aperture side-looking airborne radar,实孔径侧视雷达
real image,实象
real strain,真实应变
real time,实时
real time analysis,实时分析
real time analyzer,实时分析仪
real-time clock,实时时钟
real time control,实时控制
real-time control system,实时控制系统
real time data processing,实时数据处理
real time expert system,实时专家系统
real time input,实时输入
real time output,实时输出
real time remote control,实时遥控
real time simulation,实时仿真
real time simulation algorithm,实时仿真算法
real time system,实时系统
real time telemetry,实时遥测
real-time trend panel,实时趋势画面
realizability,可实现性; 能实现性
realization of international temperature scale,国际温标的复现
rearrangedmolecular ion,重排分子离子
rearrangement ion,重排离子

receiver element,接收器元件
recessed bearing,槽形支承
reciprocal linear dispersion,倒数线色散
reciprocating piston flowmeter,簇复活塞式流量计
reciprocating pump,往复泵
reciprocity calibration,互易法校准
recombination type transducer [sensor],复合型传感器
record,记录
recorder,记录仪
recording,记录
recording anemometer,风速计
recording chart,记录纸
recording clock,自记钟
recording device,记录装置
recording instrument,自记仪器
recording(measuring)instrument,记录(测量)仪器
recording medium,记录介质
recording snow-gauge,自记雪量计
recording sync,记录同步
recording theodolite,自记经纬仪
recovery time,恢复时间
rectangular coordinate type potentiometer,直角坐标式电位差计
rectifier,整流器; 纠正仪
rectifier instrument,整流式仪表
rectilinear ordinates recording instrument,直线坐标记录仪
rectilinear vibration,直线振动
recursive estimation,递推估计
recycle chromatography,循环色谱法
redox electrode assembly,氧化还原复合电极
redox potential meter,氧化-还原电位测定仪
reduced capacity trim,低容量阀内件
reduced model,降阶模型
reduced order observer,降阶观测器
reduced viscosity,还原粘度
reducing plane table equipment,归算平板仪
reduction of area,断面收缩率
reduction of length,缩短率
redundancy computer system,冗余计算机系统
redundancy unit,冗余单元; 冗余设备
redundant information,冗余信息
reentry control,再入控制
reference block [specimen],比较试块; 对比试块; 参考试块
reference chart,参比记录纸
reference coil,参考线圈; 基准线圈

reference column,参比柱
reference condition,参比条件
reference electrode,参比电极
reference holder,参比物支持器; 参比器
reference junction,参比端
reference junction error(of thermocouple), (热电偶的) 参比端误差
(reference junction temperature) compensator, (参比端温度) 补偿器
reference line,参比线
reference load calibrating machine,基准测力机
reference material,参比物质
reference model,参考模型
reference operating condition,参比工作条件
reference performance characteristic,参比性能特性
reference pressure,参比压力
reference range,参比范围
reference sample,参比试样
reference signal,参比信号
reference sound intensity,参考声强
reference sound power,参考声功率
reference sound pressure,参考声压
reference source,参比源
reference standard,参比[考]标准 (器)
reference table (of thermocouple), (热电偶的) 分度表
reference test pieces,对比试块
reference value,参比值
reference-value method,参比值法
reference-value scale(of a quantity or property), (量或特性) 参比值标度
reference variable,参比变量
reference voltage,基准电压
reference wave,参考声束
reflected wave,反射波; 回波
reflecting sketchmaster,反光转绘仪
reflection electron microscope,反射电子显微镜
reflection grating,反射光栅
reflection method,脉冲反射法
reflection nephoscope,反射测云器
reflective optic tachometric transducer,反光式转速传感器
reflectometer,反射表
reflector path,外光路
refracting telescope,折射望远镜
refractive humidity transducer [sensor],折射式湿度传感器
refractometer,折射盐度计
refrigerant(pressure)gauge,致冷压力表
refrigeration,致冷

regenerative braking,回馈制动; 再生制动
regional model,区域模型
register,寄存器
register(of an integrating instrument),(积分式仪表的) 计度器
registered standard,注册标准
regression,回归
regular velocity distribution,规则速度分布
regulating device,调节装置
regulating unit,调节单元
regulation,法规; 调节
regulator,调节器
rejection,抑制
relative aperture,相对孔径
relative error,相对误差
relative flow coefficient,相对流量系数
relative gravity surver,相对重力测量
relative humidity,相对湿度
relative (measurement) method,相对式测量法
relative precision,相对响应值
relative retention value,相对保留值
relative sensitivity coefficient,相对灵敏度系数
relative stability,相对稳定性
relative tolerance between forward and backward in indicating value,示值进回程相对误差
relative travel,相对行程
relative variation in the indicating value,示值相对变动值
relative viscosity,相对粘度
relaxation process,弛豫过程
relaxation testing machine,松弛试验机
relaxation vibration,张弛振动
relay,继电器; 继电器
relay characteristics,继电(器)特性
relay control system,继电控制系统
release mechanism for plankto net,浮游生物网闭锁器
relevant failure,关联失效
relevant specification,有关规范
reliability,可靠性; 可靠度
reliability assessment,可靠性评估
reliability block diagram,可靠性方框图
reliability certification,可靠性认证
reliability compliance test,可靠性试验验证试验
reliability design review,可靠性设计评审
reliability determination test,可靠性测定试验
reliability evaluation,可靠性评定
reliability evaluation from demonstration data,利用验证数据的可靠性评定

reliability growth,可靠性增长
reliability improvement,可靠性改进
reliability model,可靠性模型
reliability program,可靠性计划
relief valve,释放阀
reluctive pressure transducer,磁阻式压力传感器
reluctive transducer [sensor],磁阻式传感器
remanent attraction force,残留吸力
remote command control,指令遥控
remote control,遥控
remote control command,遥控指令
remote controlled Niskin sampler,尼斯金遥控采水器
remote manipulator,遥控操作器
remote measuring meteorograph,遥测气象记录仪
remote-measuring thermohygrograph,遥测温湿记录仪
remote printing,远程打印
remote regulating,遥调
remote sensing,遥感
remote sensing instrumentation for oceanography,海洋学遥感仪器
remote sensing platform,遥感平台
remote sensing system,遥感系统
remote sensing technique of oceanography,海洋学遥感技术
remote set point adjuster,远程设定点调整器
remote terminal,远程终端设备
remote thermometer,遥测温度表
removable back plate,可拆卸的后盖板
repair rate,修复率
repair time,修复时间
repeatability,重复性
repeatability error,重复性误差
repeatability of wavelength,波长重复性
repeated impact testing machine,多次冲击试验机
repeater,转发器
repetition theodolite,复测经纬仪
replica grating,复制光栅
reply message,回答报文
report generator,报表生成程序
representation of the a.c.properties of resistor,电阻器交流特性的表示
representation unit,表示单位
reproducibility,再现性; 复现性
reproducibility error,再现性误差
reproducibility of measurement,测量再[复]现性
requirement,需求
requirements analysis,需求分析

requirements specification,需求规格说明
 reserve volume,储气室
 reservoir,储液器
 reset,复原
 reset time,再调时间
 residual buoyancy,剩余浮力
 residual carrier,残余载波
 residual current,残余电流; 剩余电流
 residual current transformer,剩余电流互感器
 residual deflection,残余偏转
 residual electromotive force of potentiometer,电位差计残余电动势
 residual error,残差
 residual error rate,残差率
 residual inductance of resistance box,电阻箱残余电感
 residual magnetic field detector,剩磁检查仪
 residual magnetism,剩磁
 residual method,剩磁法
 residual resistance of resistance box,电阻箱残余电阻
 residual standard deviation,残余标准偏差
 residual unbalance,剩余不平衡量
 residual variance,剩余方差
 residual voltage,剩余电压
 residual voltage at zero,零点残余电压
 residual voltage transformer,剩余电压互感器
 residual voltage winding,剩余电压绕组
 resistance balance,电阻平衡
 resistance box,电阻箱
 resistance box with plug,插头式电阻箱
 resistance box with rotary switch,旋转开关式电阻箱
 resistance box with terminals,端接[钮]式电阻箱
 resistance hygrometer,电阻湿度计
 resistance inclinometer,电阻式井斜仪
 resistance meter,电阻表
 resistance psychrometer,电阻(干湿球)湿度计
 resistance ratio(of resistance thermometer sensor),(热电阻的)电阻比
 resistance strain gauge,电阻应变计[片]
 (resistance)strain gauge drawing force and compression force transducer,(电阻)应变式拉压力传感器
 (resistance) strain gauge drawing force transducer,(电阻)应变式拉力传感器
 (resistance) strain gauge force transducer,(电阻)应变式力传感器
 (resistance)strain gauge load cell,(电阻)应变式称重传感器
 (resistance)strain gauge rolling force measuring instrument,(电阻)应变式轧制力测量仪
 (resistance)strain gauge tensiometer resolution,(电阻)应变式张力计分辩力
 resistance-temperature coefficient (of resistance thermometer sensor),(热电阻的)电阻温度系数

resistance thermometer detector (RTD),热电阻
resistance thermometer element,热电阻元件
resistance thermometer sensor,热电阻
resistance thermometry,电阻测温法
resistance voltage to power supply,耐（电）压
resistance wire gauge,电阻线验潮仪
resistive moisture sensor,电阻式湿敏元件
resistive transducer [sensor],电阻式传感器
resistivity instrument,电阻率仪器
resistor caliper,电阻式并径仪
resolving power,分辨率;
resolution,分辨力; 分辨率; 分离度
resolution error,分辨率误差
resolution factor,分辨力因数
resolution of strain instrument,应变仪分辨率
resolution power,分辨力
resonance,共振
resonance frequency,谐振频率
resonance method,共振法
resonance method (of measurement),谐振（测量）法
resonance technique,共振法
resonance technique,共振法
resonant vibrator,共振振动器
resonator pressure transducer,谐振式压力传感器
resonator transducer [sensor],谐振式传感器
resource allocation,资源分配
resource coordination,资源协调
resource optimization,资源优化
respiratory flow transducer [sensor],呼吸流量传感器
respiratory frequency transducer [sensor],呼吸频率传感器
responder,响应站
response,响应; 响应值
response characteristic,响应特性
response curve,响应曲线
response speed,响应速度
response time,响应时间
restoring torque,反作用力矩
restricted breathing enclosure,限制通气外壳
restrictor,限流器
result of a measurement,测量结果
resultant magnetization,复合磁化
retard (pressure) gauge,缓行压力表
retention index,保留指数
retention time,保留时间

retention volume,保留体积
reticule,刻度板
return control,返回控制
return-flow wind tunnel,回流式风洞
return spring,复位弹簧
return-to-zero (RZ),归零制
reverberant field,混响声场
reverberation room,混响室
reverse action,反作用
reverse actuator,反作用执行机构
reverse bend tester,弯折试验机
revers osmosis method for desalination,反渗透淡化法
reverse search,逆谱库检索
reverse video,反相显示
reversed-phase column,反相柱
reversed-phase liquid chromatography,反相液相色谱法
reverser,反向器
reversing thermometer,颠倒温度表
revising method of (thermal) electromotive force, (热) 电动势修正法
revisit rate,回访速率
revolution speed,转速
revolution speed check table,转速校验台
revolution speed transducer,转速传感器
Reynolds number,雷诺数
RF-presentation,射频显示; 不检波显示
rhodium-iron resistance thermometer,铑铁电阻
rigid disk drive,硬磁盘机
rigid polyvinyl chloride,硬聚氯乙烯
rigid rotor,刚性转子
ring balance,环秤
ring balance manometer,环秤压力计
ring-down pulse,振铃脉冲
ring network,环形网络
ring viscometer,环式粘度计
ringing frequency,自振周期
ringing period,自振周期
ripple,纹波
ripple coefficient of voltage,电压纹波系数
ripple voltage,纹波电压
rise time,上升时间
rise-time discrimination,上升时间鉴别
risk analysis,风险决策
risk evaluation,风险评价
robot,机器人

robot programming language, 机器人编程语言
robot system, 机器人系统
robotics, 机器人学
robust control, 鲁棒控制
robust controller, 鲁棒控制器
robustness, 鲁棒性
rock densitometer, 岩石密度计
rock precession sclerometer, 岩石压入硬度计
rocketsonde, 火箭探空仪
Rockwell hardness number, 洛氏硬度值
Rockwell hardness penetrator, 洛氏硬度压头
Rockwell hardness tester, 洛氏硬度计
Rockwell superficial hardness number, 表面洛氏硬度值
Rockwell superficial hardness tester, 表面洛氏硬度计
rod anode X-ray tube, 棒阳极 X 射线管
rod of pendulum, 摆杆
roentgen, 伦琴
Roland circle, 罗兰圆
roll chart [paper], 卷筒式记录纸
roll-gap, 辊缝
rolling chains, 滚链
rolling diaphragm actuator, 滚动膜片执行机构
rolling sphere viscometer, 滚球式粘度计
rolling test, 滚动试验
root mean square (RMS) detector, 均方根检波器
Roots flowmeter, 腰轮流量计
rosette sampling system, 多袋采水器
"rotary" displacement meter, “旋转” 排量式仪表
rotary eccentric plug valve, 偏心旋转阀
rotary motion valve, 角行程阀
rotary pump, 机械泵
rotating beam apparatus, 旋臂装置
rotating-beam ceilometer, 旋转波束云高计
rotating-beam cloud height meter, 旋转波束云高计
rotating cylinder viscometer, 旋转圆筒式粘度计
rotating magnetometer, 旋转磁力仪
rotating [oscillating] piston flowmeter, 旋转活塞流量计
rotating target X-ray tube, 旋转阳极 X 射线管
rotating vibration generator, 回转振动器
rotation magnetic field, 旋转磁场
rotation magnetization, 旋转磁化
rotation or vibrating coil magnetometer, 旋转或振动线圈磁强计
rotational distortion, 旋转畸变
rotational viscometer, 旋转粘度计

rotative speed,转速
rotative speed difference,转速差
rotor,转子
rotor axis,转子轴线
rotor flow transducer [sensor],转子流量传感器
rotor gear,转子齿轮
run of wind,风程
run-of-wind anemometer,风程表
running means,滑动平均
round trip propagation time,往返传播时间
routine,例行程序
routine teste,出厂检验; 例行试验
rupture pressure,破坏压力
rustpreventive packaging,防锈包装
rustproof packaging,防锈包装
Rutherford Back scattering spectroscopy;RBS spectroscopy,卢瑟福背散射谱法

电工词汇(S-Z)

S

safe chamber (of liquid-in-glass thermometer), (玻璃温度计的) 安全泡
safeguard of ultratemperature, 超温保护装置
safety hardware, 安全硬件
safety protection device, 安全保护装置
safety standard, 安全标准
sales package, 销售包装
salinity, 盐度
salinometer, 盐量计
salt mist test, 盐雾腐蚀试验
salt spray character, 盐雾特性
salt spray device, 盐雾发生装置
salt spray filter, 盐雾过滤器
salt spray [mist] test, 盐雾试验
same-polarity method of calibrating thermocouple, 热偶同名极检定法
sample, 试样; 试样; 样本
sample holder, 样品支持器
sample injector, 进样器
sample resistance, 取样电阻
sample size, 样本大小
sampled data, 采样数据
sampled data control, 采样控制
sampled-data control system, 采样控制系统
sampled-data system, 采样系统
sampled signal, 采样信号
sampler, 采样器
sampling, 采样; 取样
sampling action, 采样作用
sampling control, 采样控制
sampling control system, 采样控制系统
sampling controller, 采样控制器
sampling cross-section [station], 取样横截面[部位]
sampling element, 采样元件
sampling error, 采样误差
sampling frequency, 采样频率
sampling holder, 采样保持器
sampling interval, 采样间隔
sampling period, 采样周期
sampling pulse, 采样脉冲
sampling radiometer, 取样辐射仪
sampling rate, 采样(速)率

sampling system, 采样系统
sampling test, 抽样试验
sampling time, 采样时间; 取样时间
sampling value, 采样值
sand dust test chamber, 沙尘试验箱
sand pattern method, 砂形法
sanitary valve, 卫生阀
satellite gravimetry, 卫星重力测量
satellite infrared spectroradiometer, 星载红外光谱辐射计
satellites, 卫星峰
saturated calomel electrode, 饱和甘汞电极
saturated standard cell, 饱和式标准电池
saturation characteristics, 饱和特性
saturation deficit, 饱和差
saturation vapour pressure, 饱和水汽压
saunders valve, 隔膜阀
scale, 标度尺; 标度板
scale division, 标度分格; 分格[度]
scale interval, 分格[度]值
scale length, 标度长度; 标度尺长度
scale mark, 标度标记
scale marking, 标度标志
scale numbering, 标度数字
scale range, 标度范围
scale sensitivity, 分格灵敏度
scale spacing, 标度分格间距
scaling (for analogue-to-digital converter), (数/模转换的) 规范化
scan rate, 扫描速率
scanner, 扫描器
scanning, 扫描; 扫查
scanning electron microscope(SEM), 扫描电子显微镜
scanning ion microprobe, 扫描离子微区探针
scanning microwave multiband radiometer (SMMR), 多波段扫描微波辐射仪
scanning radiation thermometer, 扫描辐射温度计
scanning transmission electron microscope (STEM), 扫描透射电子显微镜
scanning tunnel microscope, 扫描隧道显微镜
scattered radiation, 散射线
scattering (of radiant energy), (辐射能的) 散射
scattering ion energy, 散射离子能量
scattering ion energy ratio, 散射离子的能量比值
scattering turbidimeter, 散射光浊度计
scatterometer, 散射计
scintillation detector, 闪烁检测器
scintillation emanometer, 闪烁室式射气仪

scintillator,闪烁体
screen dump,屏幕转储
screening test,筛选试验
scroll,卷动
sea bed gravimeter,海底重力仪
sea state,海况
seal chamber,隔离室
sealed capacitor,密封电容器
sealed case,密封外壳
sealed standard resistor,密封式标准电阻器
sealed triple point cell,密封三相点容器
search coil,测量线圈
search technique,搜索技术
seat leakage,阀座泄漏
seat load,阀座负载
seat ring,阀座
seawater mercurimeter,海水测汞仪
second specimen chamber,第二样品室
secondary circuit,二次电路
secondary coil,二次线圈
secondary current,二次电流
secondary device,二次装置
secondary electron detector,二次电子探测器
secondary ion,二次离子
secondary ion background,二次离子本底
secondary ion mass spectrometer (SIMS),二次离子质谱计
secondary ion mass spectrometry (SIMS),二次离子质谱法
secondary ion spectrometer,二次离子谱仪
secondary ion spectroscopy,二次离子谱法
secondary limiting e.m.f.二次极限电动势
secondary limiting thermal current,二次极限热电流
secondary radar,二次雷达
secondary reference point,第二类参考点
secondary standard,副基准(器)
secondary standard seawater,幅标准海水
secondary voltage,二次电压
secondary winding,二次绕组
sector magnetic analyzer,扇形磁分析器
sediment dynamics data acquisition system,沉积动力学数据测量系统
sedimentation balance,沉降天平
Seebeck coefficient,塞贝克系数
Seebeck effect,塞贝克效应
Seebeck(thermal) electromotive force,塞贝克(热)电势
segment,扇形齿轮

segmental orifice plate,圆缺孔板
seismic analog computer,地震模拟计算机
seismic data acquisition system (SDAS),数字地震仪
seismic data recording system (SDRS),数字地震仪
seismic digital computer,地震数字计算机
seismic effects,地震效应
seismic group recorder system (SGR),分组式遥测型地震仪
seismic group telemetry system (SGT),分组式遥测型地震仪
seismic logger,地震测井仪
seismic prospecting instrument,地震勘探仪器
seismic record,地震记录
selected area electron amplification image,选区电子放大象
selected area electron diffraction image,选区电子衍射象
selecting,选择
selective absorption,选择吸收
selective radiator,选择辐射体
selectivity,选择性
selectivity coefficient,选择系数
self-absorption,自吸
self-actuated regulator,自力式调节阀
self-compensating propeller,自补偿旋桨
self-contained STD profiling system,自容式温盐深剖面仪
self-diagnostic alarm panel,自诊断报警画面
self-electrode,自由极
self-excitation optical pumping magnetometer,自激式光泵磁力仪
self-excited vibration,自激励振动
self-heating,自热
self-heating error,自热误差
self-induced vibration,自激振动
self-latch solenoid valve,保持式电磁阀
self-operated controller,自力式控制器
self-operated controller,自力式控制器
self-operated differential pressure regulator,自力式差压调节阀
self-operated flow regulator,自力式流量调节阀
self-operated level regulator,自力式液位调节阀
self-operated level regulator,自力式液位调节阀
self-operated pressure regulator,自力式压力调节阀
self-operated regulator,自力式调节阀
self-operated temperature regulator,自力式温度调节阀
self-optimizing control,自寻优控制
self-optimizing system,自寻优系统
self-programming,自编程
self-reducing techeometer,自动归算速测仪
self-regulating,自调整

self-repairing, 自修复
self-temperaturecompensated strain gauge, 温度自补偿应变计
self-tuning, 自校正
self-tuning control, 自校正控制
semantic network, 语义网络
semi-anechoic chamber, 半电波暗室
semi-automatic logging instrument, 半自动测井仪
semi-automatic testing machine, 半自动试验机
semi-automation, 半自动化
semiconducting specimen stage, 半导体样品台
semiconductor strain gauge, 半导体应变计
semidigital readout, 半数字读出
semi-graphic panel, 半模拟盘[屏]
semi-physical simulation, 半实物仿真
sensing element, 敏感元件; 检测元件
sensing torque shaft, 转矩传感轴
sensitive grid, 敏感栅
sensitive limit, 灵敏限
sensitivity, 灵敏度
sensitivity analysis, 灵敏度分析
sensitivity coefficient, 灵敏度系数
sensitivity drift, 灵敏度漂移
sensitivity of microphone, 传声器灵敏度
sensitization type inclinometer, 感光记录测斜仪
sensor, 检测元件; 传感元件; 传感器
sensor with bare wire sensitive element, 裸丝敏感元件传感器
sensor with externalconvection sensitive element, 外对流敏感元件传感器
sensor with intrnalconvection sensitive element, 内对流敏感元件传感器
sensor with supporter catalyst filled element, 载体催化元件传感器
sensory control, 感觉控制
separability, 可分性
separate galvanometer, 分装式检流计
separation number, 分离数
sequential auto-spectrometer, 顺序式自动光谱仪
sequential control, 顺序控制
sequential control station, 顺序控制站
sequential control system, 顺序控制系统
sequential controller, 顺序控制器
sequential decomposition, 顺序分解
sequential least squares estimation, 序贯最小二乘估计
sequential optimization, 顺序优化
sequential program, 顺序程序
sequential topology, 顺序拓扑
sequential X-ray spectrometer, 扫描 X 射线光谱仪

serial access, 串行存取
serial computer, 串行计算机
serial crate controller, 串行机箱控制器
serial crate controller type L2, L2 型串行机箱控制器
serial grade-L field, 串行分级 L 字段
serial highway, 串行信息公路
serial operation, 串行操作
serial processing, 串行处理
serial transmission, 串行传输
seriation, 系列化
series capacitor, 串联电容器
series inductor, 串联电感器
series-mode rejection, 串模抑制
series-mode rejection ratio (SMRR), 串模抑制比
series-mode signal, 串模信号
series-mode voltage, 串模电压
series operation, 串联工作
series output system, 串行输出制
series resistor, 串联电阻器
series-parallel output system, 串—并行输出制
server, 服务器
service regulator, 气源减压器
service routine, 服务程序; 实用例行程序
service speed, 工作转速
service system, 服务系统
servo amplifier, 伺服放大器
servo-balancing type, 随动[伺服]平衡型
servo control, 伺服控制; 随动控制
servo motor, 伺服电动机; 伺服马达
servo pressure transducer, 伺服式压力传感器
servo(system), 伺服系统; 随动系统
servo transducer [sensor], 伺服式传感器
servo valve, 伺服阀
servo-valve control device, 伺服阀控制装置
servomechanism, 伺服机构
set point, 设定点
set point control (SPC), 设定点控制
set point generator, 设定点发生器
set (point) value, 设定值
setting spring, 设定弹簧
setting temperature, 设定温度
settling time, 建立时间
sferic, 天电; 远程雷电
sferics recorder, 天电记录器; 闪电记录器

SGL encoder, SGL 编码器
shading coil, 分磁环
shadow column instrument, 影条式仪表
shaft axis of rotor, 转子轴线
shallow-layer seismograph, 浅层地震仪
shear strength, 剪切强度
shear wave probe, 横波探头
shear wave technique, 横波法
shearing, 剪切
shearing speed, 剪切速率
shearing strain, 剪应变
shearing stress, 剪切应力; 剪应力
shearometer, 泥浆静切力计
sheathed thermocouple, 铠装热电偶
sheathed thermometer, 套管温度表
shelf, 架; 搁板
shelf-mounted instrument, 架装仪表
sheltered location, 掩蔽场所
shielded strain gauge, 屏蔽式应变计
shipboard instrument, 船用仪器仪表
shipboard PH meter, 船用 PH 值
shipboard spectrophotometer, 船用分光光度计
ship-borne wave gauge, 船舷测波仪
shipping mark, 收发货标志
shipping package, 运输包装
shock, 冲击
shock excitation, 冲击激励
shock-piston type corer, 振动活塞式取样管
shock response spectrum, 冲击响应谱
shock test, 冲击试验
shock (testing) machine, 冲击台
shock transducer [sensor], 冲击传感器
shock vibration, 冲击振动
shockproof packaging, 防震包装
Shore durometer number, 邵氏硬度值
Shore durometer, 邵氏硬度计
Shore hardness number, 肖氏硬度值
Shore hardness penetrator, 肖氏硬度压头
Shore hardness tester, 肖氏硬度计
short circuit ring, 短路环
short period seismograph, 短周期地震仪
shorted junction, 短路端
shorted junction type sheathed thermocouple, 接壳型铠装热电偶
shortest sighting distance, 最短视距

shunt,分流器
shunt meter,分流仪表
shunt type current [turbo] flowmeter,分流旋翼式流量计
shut off pressure,阀关闭出入口压力
Si(Li)detector,锂漂移硅探测器
side load,横向载荷
side-well neutron logger,井壁中子测井仪
sighting,瞄准
sighting device,粗瞄准器
sighting level,照准部水准器
sighting point,照准点
sign bit acquisition system,符号位地震仪
signal,信号
signal amplitude sequencing control,信号幅值顺序控制
signal characterizer,信号表征器
signal common,信号公共线
signal converter,信号转换器
signal detection and estimation,信号检测和估计
signal duration,信号持续时间
signal enhancement shallowlayer seismograph,信息增强型浅层地震仪
signal flow diagram,信号流（程）图
signal isolation,信号隔离
signal processing,信号处理
signal processing system,信号处理系统
signal selector,信号选择器
signal-to-noise ratio,信噪比
signature analysis,图形分析法
significant wave,有效波
significant wave height,有效波高
significant wave period,有效波周期
silicon carbide varistor,碳化硅电压敏电阻器
silicon crystal gas sensor,碳单晶气敏元件
similarity,相似性
similarity index,相似指数
simple harmonic quantity,简谐波
simple harmonic vibration,简谐振动
simple pan balance,单盘天平
simple piston gauge,简单活塞式压力计
simple transmission electron microscope,简易型透射电子显微镜
simplex transmission,单工传输
simplified model,简化模型
simulated data,仿真数据
simulated interrupt,仿真中断
simulating strain,模拟应变

simulating strain device,模拟应变装置
simulation,仿真; 模拟
simulation algorithm,仿真算法
simulation algorithm library,仿真算法库
simulation block diagram,仿真(方)框图
simulation centre,仿真中心
simulation clock,仿真时钟
simulation data base,仿真数据库
simulation environment,仿真环境
simulation equipment,仿真设备
simulation evaluation,仿真评价
simulation experiment,仿真实验
simulation experiment modelibrary,仿真实验模式库
simulation expert system,仿真专家系统
simulation graphic library,仿真图形库
simulation information library,仿真信息库
simulation job,仿真作业
simulation knowledge base,仿真知识库
simulation laboratory,仿真实验室
simulation language,仿真语言
simulation methodology,仿真方法学
simulation model,仿真模型
simulation model library,仿真模型库
simulation process,仿真过程
simulation process time,仿真过程时间
simulation program,仿真程序
simulation result,仿真结果
simulation run,仿真运行
simulation software,仿真软件
simulation support system,仿真支持系统
simulation system,仿真系统
simulation technique,仿真技术
simulation type,仿真类型
simulation velocity,仿真速度
simulation work station,仿真工作站
simulator,仿真器
simultaneous comparison method,同时比较法
simultaneous technique,同时联用技术; 同时并用技术
sing around method,声环法
sing-around velocimeter,环鸣声速仪
single acting positioner,单作用定位器
single arm measurement,单臂测量
single beam spectrum radiator,单光束光谱辐射计
single board microcomputer,单片微(型)计算机

single bounce technique,一次反射法
 single-channel FSK system,单通道 FSK 系统
 single channel recorder,单通道记录仪
 single core type current transformer,单铁心型电流互感器
 single ended transducer,单端换能器
 single field lens,单场透镜
 single focusing,单聚焦
 single-focusing mass spectrograph,单聚焦质谱仪
 single-focusing mass spectrometer,单聚焦质谱计
 single function(measuring)instrument,单功能(测量)仪表
 single gauge measurement,单计[片]测量
 single grain layer varistor,单颗粒层电压敏电阻器
 single-idler electronic belt conveyor scale,单托辊电子皮带秤
 single input single output control system,SISO control system,单输入单输出控制系统
 single-jet water meter,单流束水表
 single-junction SQUID,单结量子干涉器
 single junction temperature transducer [sensor],单结温度传感器
 single level process,单级过程
 single loop control,单回路控制
 single loop control system,单回路控制系统
 single loop controller,单回路控制器
 single magnet galvanometer,单磁式振动子
 single-pass internal reflection element,单通内反射元件
 single-path diagonal-beam flowmeter,单声道斜束式流量计
 single-path ratio thermometer,单通道比色温度计
 single piston pressure-vacuum gauge,单活塞压力真空计
 single-plane (static) alancing,单面(静)平衡
 single-plane (static)balancing machine,单面(静)平衡机
 single probe technique,单探头法
 single range (measuring) instrument,单范围[量限](测量)仪表
 single sheet apparatus for measuring specific total losses of magnetic sheet and strip,单片电工钢片[带]比总损耗测量装置
 single scintillation radioactive logger,单道闪烁辐射测井仪
 single-speed floating action,单速无定位作用
 single-speed floating controller,单速无定位控制器
 single-tube manometer,单管压力计
 single tube mercury manometer,单管水银压力表
 single value nonlinearity,单值非线性
 single variable control system,单变量控制系统
 sinker,(浮子流量计)浮子
 sintered gas sensor,烧结式气敏元件
 sinusoidal quantity,简谐波
 siphon action,虹吸作用
 siphon barometer,虹吸气压表

siphon pipe [tube],虹吸管
siphon rainfall recorder,虹吸式雨量计
six component balance,六分力天平
Six's thermometer,最高最低温度表; 西克斯温度表
skip distance,跨距点
slant visibility,斜能见度
slave operation,从动工作
slave station,从站
slaved system,受役系统
slaving principle,役使原理
silding vane rotary flowmeter,刮板流量计
sling psychrometer,手摇干湿表
sling thermometer,手摇温度表
slip bezel ring,滑动盖环
slope error over 10%,10%段的斜率误差
slope factor,斜率
slope over 10%,10%段斜率
slope/temperature factor adjustment of pH meter,pH 计的斜率/温度系数校准器
slurry packing,匀浆填充
small focus X-ray tube,小焦点 X 射线管
Smith-McIntyre mud sampler,史密斯—麦金太尔取泥器
snaking motion value of specimen stage,样品台调节蛇行量
snap ring,开口环
snapper grab sampler,表层采样器
snow density meter,积雪密度计
snow measuring plate,积雪板
snow-stake,测雪桩
snow-storm,雪暴
snow storm meter,雪暴测定仪
snowfall,雪量
snowfall totalizer,累计雪量计
snowgauge,量雪器
snowsampler,雪取样器; 取雪器
snubber,限制器
soap-film burette,皂膜量管
soft bearing balancing machine,软支承平衡机
soft ionization,软电离
soft keyboard,软键盘
"soft" X-rays,软 X 射线
software,软件
software compatibility,软件兼容性
software cost,软件成本
software design procedure,软件设计过程
software development library,软件开发库

software development plan,软件开发计划
software development process,软件开发过程
software document. tion,软件文件
software engineering,软件工程
software environment,软件环境
software library,软件库
software maintenance,软件维护
software monitor,软件监督程序
software package,软件包
software package of computer aided disign,计算机辅助设计软件包
software portability,软件可移植性
software product,软件产品
software psychology,软件心理学
software quality,软件质量
software reliability,软件可靠性
software testing plan,软件测试计划
software testing,软件测试
software tool,软件工具
soil evaporimeter,土壤蒸发仪
soil moisture,土壤水分
soil moisture content analyser,土壤水份测定仪
soil oven,烘土箱
soil thermometer,直管地温表
solar constant,太阳常数
solar radiation,太阳辐射
solarigraph,总日射计
solarimeter,总日射表
solenoid,螺线管
solenoid coil,电磁线圈
solenoid valve,电磁阀
solenoid valve for freon,氟里昂用 电磁阀
solenoid valve for gas,煤气电磁阀
solenoid valve for steam,蒸气电磁阀
solenoid valve for water,水用 电磁阀
solid electrolyte oxygen analyzer,固体电解质氧分析器
solid front case with pressure relief at back,后部带泄压装置的前封式外壳
solid scanning length measuring instrument,固体扫描式测长仪
solid scanning transducer,固体扫描传感器
solid scanning width meter [gauge],固体扫描式宽度计
solid-stage electrolyte gas transducer [sensor],固体电解质气体传感器
solid-state electrolyte humidity transducer [sensor],固体电解质湿度传感器
Solid-state electrolyte oin transducer [sensor],固体电解质离子传感器
solid-state (X-ray) detector,固态 (X 射线) 检测器
solid-stem liquid-in-glass thermometer,棒式玻璃温度计

solo,单独布置; 单独检测
solvent removable dye penetrant testing method,溶剂去除着色渗透探伤法
solvent removable penetrant,溶剂去除性渗透液
sonar,声纳
sonar dome,声纳导流罩
sone,宋(响度单位)
sonic [critical] Venturi nozzle,音速[临界]文丘里喷嘴
sonic logger,声速测井仪
sonic nozzle,音速喷嘴
sound daffle,声障板
sound energy density,声能量密度
sound field,声场
sound intensity,声强
sound intensity level,声强级
sound level,声级
sound level calibrator,声级校准器
sound level meter,声级计
sound power,声功率
sound power level,声功率计
sound pressure,声压
sound pressure level,声压级
sound pressure transducer [sensor],声压传感器
sound radiation,声辐射
sound ray tracking plotter,声线轨迹仪
sound reflector,声反射器
sound source,声源
sound spectrum,声谱
sounding,探测
source language,源语言
source of electron gun grid bias,电子枪栅偏压电源
source of radiation,辐射源
source program,源程序
source slit,离子源狭缝
space byte,空格字节
space remote sensing,航天遥感
space telemetry,航天遥测
spacelab,太空实验库
spacer,衬圈; 垫片
spaceship,宇宙飞船
span,量程
span calibration gas,量程校准气
span drift,量程漂移
span error,量程误差
span of impact specimen supports,冲击试样支座跨距

span shift,量程迁移[偏移]
spark-proof instrument,安全火花型仪器
spark source,火花电离源
sparker,电火花震源
spatial filter,空间滤波器
spatial resolution,空间分辨率
special simulation technique,特殊仿真技术
specific acoustic impedance,声阻抗率
specific gravity,比重
specific humidity,比湿
specific permeability,比渗透率
specific resistance,电阻率
specific retention volume,比保留体积
specific service (pressure) gauge,特殊用途压力表
specific viscosity,比粘
specific weight,专用砝码
specification,规格
specified characteristic curve,规定特性曲线
specified sensitivity,规定灵敏度
specimen,试样; 样品
specimen chamber,样品室
specimen cooling holder,致冷样品台
specimen heating holder,加热样品台
specimen holder,样品杯; 样品杆; 试样架
specimen-holder assembly,样品(支持)器组件
specimen rotating holder,旋转样品台
specimen tensile holder,拉伸样品台
spectral background,光谱背景
spectral bandwidth,光谱带宽
spectral characteristic curve,光谱特性曲线
spectral density,谱密度
spectral distribution curve,光谱分布曲线
spectral distribution of energy,光谱能量分布
spectral emissivity,光谱发射率
spectral half width,光谱半宽度
spectral line,光谱线
spectral position,光谱位置
spectral radiance,光谱辐射亮度
spectral radiation exitance,光谱辐(射)出(射)度
spectral range,光谱范围
spectral resolution,光谱分辨率
spectral slit width,光谱狭缝宽度
spectro chemical analysis,光谱化学分析
spectrofluorophotometer,荧光分光光度计

spectrograph, 摄谱仪
spectrometer, 光谱仪
spectrometer channel, 分光波道
spectrophotometer, 分光光度计
spectrophotometric titration, 分光光度滴定法
spectropolarimeter, 旋光仪
spectroscopy, 看谱镜; 能谱法
spectrum, 光谱; 谱
spectrum analyzer, 频谱分析仪
spectrum radiator, 光谱辐射计
speech recognition, 语音识别
speed characteristic, 转速特性
speed control system, 调速系统
speed effect, 速度效应
spherical aberration, 球差
spherical phranometer, 球形总日射表
spherical phrgeometer, 球形地球辐射表
spherical phrradiometer, 球形全辐射表
spin axis, 旋转轴
spin decoupling, 自旋去耦
spin test (of a current-meter), (流速计的) 旋转试验
spinning magnetometer, 旋转磁力仪
spinning sidebands, 旋转边带
spin-sin coupling constant, (核磁共振) 自旋-自旋耦合常数
spirit level, 气泡式水准仪
split-body valve, 分体阀
split core type current transformer, 钳式电流互感器
split range ooperation, 分程操作
split-ranging, 分程
split screen, 分区屏幕
split stream injector, 分流进样器
splitter, 分流器
spot radiation source, 点辐射源
spot recorder, 光点记录仪
SPOT satellite, 斯波特卫星
spot scanning, 点扫描
spot size, 目标尺寸
spray method, 喷雾方法
spraying device, 喷雾装置
spring-loaded regulator, 弹簧型自力式调节阀
spring-loaded variable-head flowmeter, 弹性加载可变压头流量计
spring plate, 弹簧盘
spring testing machine, 弹簧试验机
spurious echo, 楔内反射波

spurious errors,疏忽误差
square-edged orifice plate,直角边缘孔板
square frame of magnetic needle,方框罗针
square profile (pressure) gaege,矩形压力表
square-wave polarogyaph,方波极谱仪
stability,稳定性; 稳定度
stability analysis,稳定性分析
stability condition,稳定(性)条件
stability criterion,稳定(性)判据; 稳定(性)准则
stability error,稳定性误差
stability limit,稳定(性)极限
stability margin,稳定裕度; 稳定裕量
stability method,稳定法
stability of towed body,拖曳体稳定性
stability theory,稳定性理论
stabilizability,可稳性; 能稳性
stabilization,镇定; 稳定
stabilized load characteristic,稳定负载特性
stabilized supply apparatus,稳定电源
stabilized voltage varistor,稳压电压敏电阻器
stabilizing network,镇定网络
stabilizing period,稳定过程
stable region,稳定域
stable system,稳定系统
stable type gravimeter,稳定型重力仪
stack,栈
stacking test,堆码试验
stadia line,视距线
stadia rod,视距尺
stadia wave gauge,视距测波仪
staff tide gauge,验潮杆; 水尺
stagnation pressure,滞止压力
stain sync,应变同步
standard,标准
standard acceleration transducer,标准加速度传感器
standard accelerometer,标准加速度计
standard buffer solution,标准缓冲溶液
standard calorimeter,标准型热量计
standard capacitor,标准电容器
standard cell,标准电池
standard deviation of a single measurement in a series of measurments,测量列中单次测量的标准(偏)差
standard deviation of the arithmetic mean of a series of measurements,测量列算术平均值的标准(偏)差

standard deviation of weighted arithmetic mean,加权算术平均值的标准(偏)差
standard electrode potential,标准电极电位
standard error,标准误差
standard error of estimate,估计量的标准误差
standard hardness tester,标准硬度计
standard hydrogen electrode,标准氢电极
standard hydrophone,标准氢电极
standard hydrophone,标准水听器
standard inductor,标准电感
standard material,标准物质
standard microphone,标准传声器
standard mutual inductor,标准互感器
standard platinum resistance thermometer (SPRT),标准铂电阻温度计
standard pressure,标准气压
standard resistor,标准电阻器
standard sample,标准试件; 参考试件
standard sea water,标准海水
standard specification,标准规范
standard system,标准体系
standard test block,标准试块
standard test section,标准试验段
standard thermometer,标准温度表
standard time of observation,标准观测时间
standard value,标准值
standard water depth,标准水层深度; 标准观测层次
standardization,标准化
standardized resistance thermometer sensor,标准化热电阻
standardized signal,标准化信号
standardized thermocouple,标准化热电偶
standby application,备用; 待用
star network,星形网络
start bit,起始位
start temperature,初始温度
start-up time,启动时间
starting,启动
starting current,启动电流
starting speed,启动流速
starting time,启动时间
starting torque,启动转矩
starting wind velocity,启动风速
state,状态
state diagram,状态图
state equation,状态方程
state equation model,状态方程模型

state estimation, 状态估计
state feedback, 状态反馈
state observer, 状态观测器
state variable, 状态变量
state vector, 状态向量
statement, 语句
static accuracy, 静态精确度
static calibration, 静态校准
static characteristic curve, 静态特性曲线
static characteristics, 静态特性
static decoupling, 静态解耦
static display image, 静态显示图象
static-dynamic strain indicator, 静动态应变仪
static/dynamic universal testing machine, 动静万能试验机
static gauging method, 静态容积测量法
static load, 静负荷
static load compensating device, 静态负荷补偿装置
static (mass spectrometer) instruments, 静态 (质谱) 仪器
static measurement, 静态测量
static model, 静态模型
static precision, 静态精密度
static pressure, 静压
static pressure tapping, 静压取压孔
static pressure transducer [sensor], 静态压力传感器
static resolution, 静态分辨力
static SIMS, 静态二次离子质谱法
static spring gravimeter, 静力弹簧重力仪
static standard strain device, 静态标准应变装置
static stiffness of the moving element suspension, 运动部件悬挂静刚度
static strain, 静应变
static thermal measuring instrument, 静态热测量仪表
static thermal techniques, 静态热技术
static torque calibration stand, 转矩[扭矩]静校台
static unbalance, 静态不平衡力; 静不平衡
static weighing method, 静态称重法
static weights-hoist, 静态挂码
static strain indicator, 静态应变仪
station, 站
station number, 站号
stationary array, 固定检速架
stationary liquid, 固定液
stationary phase, 固定相
stationary X-ray detection apparatus, 固定式 X 射线探伤机
statistic characteristics, 统计特性

statistic model,统计模型
statistic pattern recognition,统计模式识别
statistical analysis,统计分析
statistical control,统计控制
statistical distribution analyzer,统计分布分析仪
statistical forecast,统计预测
stator gear,定子齿轮
STD-calibrating installation,温盐深（STD）检定装置
STD/SV system,温盐深声速测量系统
steady damp heat test,固定湿热试验
steady deflection,稳定偏转
steady flow,稳定流
steady pressure,稳态压力；稳压
steady state,稳态
steady-state deviation,稳态偏差
steady-state deviation of the n-th order,n 阶稳态偏差
steady state error,稳态误差
steady state error coefficient,稳态误差系数
steady-state power conditions,稳态电源条件
steady state response,稳态响应
steady state value,稳态值
steady-state vibration,稳态振动
steady temperature damp test,恒温恒湿试验
steady torque,稳定力矩
stem,阀杆；接头
stem guiding,阀杆导向
stem thermometer,棒状温度表
step-by-step control,步进控制
step control action,位式控制作用
step enabling condition,步进允许条件
step function,阶跃函数
step motor,步进电机
step-resistance gauge,触点验潮仪
step response,阶跃响应
step response time,阶跃响应时间
stepped ramp type,阶梯斜坡型
stepmotor actuator,步进电机执行机构
stereocomparator,立体坐标量测仪
stereometer,立体量测仪
stereoplotter,立体测图仪
Stevenson screen,司蒂文森百页箱
stigmator,消象散器
stimulus,激励
stirrer device,搅拌装置

stochastic control system,随机控制系统
stochastic control theory,随机控制理论
stochastic excitation NMR,随机激发核磁共振 (法)
Stockes line,斯托克线
stop bit,终止位
stop pin,挡销
storage,存储器
storage allocation,存储分配
storage and transportation conditions,储存和运输条件
storage life,贮存寿命
straddle scintillation emanometer,脚踏式闪烁测氚仪
straight-flow wind tunnel,直流式风洞
straight form,直型
straight length,直管段
strain,应变
strain amplifier,应变放大器
strain amplitude,应变幅
strain anemometer,张力式风速表
strain effect,应变效应
strain field,应变场
strain gauge,应变片 (计)
strain gauge acceleration transducer,应变式加速度传感器
strain-gauge bridge sensitivity,应变电桥灵敏度
strain gauge creep,应变计[片]蠕变
strain gauge drift,应变计[片]漂移
strain gauge installed by spraying process,喷涂式应变计
strain gauge pressure transducer,应变 (计) 式压力传感器
strain-gauge sensitivity,应变计[片]电路灵敏度
strain gauge torque measuring instrument,应变式转矩测量仪
strain gauge torque transducer,应变式转矩传感器
strain gauge transducer [sensor],应变 (计) 式传感器
strain gauge typy wave direction meter,应变计式波向仪
strain gauge with base of impregnated type,浸胶基应变计
strain gauge with metal base,金属基底应变计
strain gauge with meal foil base,金属基应变计
strain gauge with organic film base,胶膜基应变计
strain gauge with temporary base,临时基底型应变计
strain indicator,应变仪
strain limit,应变极限
strain phase error,应变相位差
strain-resistance effect,应变—电阻效应
strain rosette,应变花
strain wine speed sensor,张力风速传感器
strategic funciton,策略函数

stray magnetic field,杂散磁场
stray radiant power,杂散辐射功率
stray radiant power ratio,杂散辐射功率比
stray radiation,杂散辐射
strength,强度
stress,应力
stress amplitude,应力幅
stress ratio,应力比
stress-strain guage,应力应变计
string galvanometer,弦线检流计
striking point,打击点
strip chart recorder,带形图纸记录仪; 长图记录仪
strip-steel head and tail configuration measuring instrument,带钢头尾形状测量仪
stripping polarography,溶出极谱法
strobe,选通
stroboscope tachometer,闪光式转速仪
strong magnetic film revolution speed transducer,强磁性薄膜式转速传感器
strong-motion instrument,强震仪
Strouhal number,斯特罗哈尔数
structural controllability,结构可控性; 结构能控性
structural coordination,结构协调
structural decomposition,结构分解
structural observability,结构可观测性; 结构能观测性
structural passability,结构稳定性
structure model,结构模型
structured program,结构化程序
structured programming,结构化程序设计
structured programming language,结构化程序设计语言
student's distribution,学生氏 t 分布
stylus,笔尖
stylus printer,针式打印机
stylus recorder,针式记录仪
subaddress,子地址
sub-bottom seismic profiling system,海底地层剖面仪
subharmonic,次谐波
subharmonic resonance response,分谐波共振响应
subharmonic response,分谐波响应
subharmonic wave,分谐波
subjective probability,主观概率
sublimating heat,升华热
submersible,潜水器
suboptimal control,次优控制
suboptimal system,次优系统
suboptimality,次优性

subroutine,子程序
subroutine call,子程序调用
substitution method,替代法
substitution (method of) measurement,替代测量(法)
subsurface buoy system,水下浮标系统
subsystem,次系统
successive approximation type,逐次逼近型
sufficient burning,充分燃烧
sulfur dioxide analyzer,二氧化硫分析仪
SUM byte,总和字节
sum peak,和峰
summation [totalizing] current transformer,总和[总加]电流互感器
summation instrument,总和仪表
summer,加法器
summing point,相加点
sunshine,日照
sunshine duration,日照时间
sunshine recorder,日照计; 日光仪
sunshine weather meter,阳光耐气候试验箱
super-coated open-tubular; SCOT column,涂载体空心柱
superconducting electromagnetic lens,超导电磁透镜
superconducting magnetometer,超导磁力仪
superconducting quantum magnetometer,超导量子磁强计
superconductive gravimeter,超导重力仪
supervision,监控
supervision level,监控级
supervisor,监控站
supervisory computer control system,计算机监控系统
supervisory control,监督控制
supervisory program,管理程序
supplementary insulation,辅助绝缘
supply apparatus,电源装置
support,载体
support program,支持程序
support type current transformer,支持式电流互感器
supporting electrode,支持电极
supporting knife-plane,承重刀座
supporting pin,支力销
suppressed-zero range,零点下降范围
suppressed-zero scale,抑零标度
surface acoustic wave pressure transducer,表面声波式压力传感器
surface acoustic wave transducer [sensor],声表面波传感器
surface analysis,表面分析
surface conductive humidity transducer [sensor],表面电导式湿度传感器

surface echo,表面反射波
surface emission ion source,表面发射离子源
surface finish,表面粗糙度
surface finish measuring instrument,表面粗糙度测量仪
surface finish transducer [sensor],表面粗糙度传感器
surface gradient sampler,表面梯度采水器
surface mounted (pressure) gauge,凸装压力表
surface replica,表面复型
surface tension balance,表面张力天平
surface thermometer,表面温度计
surface visibility,地面能见度
surface wave,表面波
surface wave probe,表面波探头
surface wave technique,表面波法
surge pressure,冲击压力
surplus sensitivity,灵敏度余量
susceptibility meter,磁化率仪
suspension system,悬挂系统
suspension theodolite,悬式经纬仪
sustained oscillation,自持振荡
sweep,扫描
sweep device,扫描装置
sweep rate,扫描速率
swee,涌; 浪
swing period,摆动周期
swinging plate anemometer,压板风速表
swirl angle,旋涡角
swirl reducer,旋涡消除器
swirling flow,旋涡流
switch,开关
switching box,切换箱
switching error,切换误差
switching frequency,开关频度
switching point,切换点
switching time,切换时间
switching value,切换值
symbol of a unit (of measurement), (测量) 单位的符号
symbol processing,符号处理
symbolic model,符号模型
symmetrical [balanced] input,对称[平衡]输入
symmetrical [balanced] output,对称[平衡]输出
symmetrical double yoke permeameter [magnetic bridge],对称双轭磁导计
synchro detector,同步检测器
synchronoscope,同步指示器

synchronous transmission,同步传输
syphon,弯管
system,系统
system aggregation,系统集结
system analysis,系统分析
system approach,系统方法
system architecture,体系结构
system assessment,系统评估
system crate,系统机箱
system decomposition,系统分解
system deviation,系统偏差
system diagnosis,系统诊断
systems engineering,系统工程
system environment,系统环境
system evaluation,系统评定; 系统评价
system homomorphism,系统同态
system identification,系统辨别
system interrupt,系统中断
system isomorphism,系统同构
system maintainability,系统可维护性
system management,系统管理
system matrix,系统矩阵
system model,系统模型
system modeling,系统建模; 系统模型化
system of units (of measurement), (测量) 单位制
system optimization,系统(最)优化
system parameter,系统参数
system performance test,系统性能试验
system planning,系统规划
system production time,系统生产时间
system reliability,系统可靠性
system resource,系统资源
system sensitivity,系统灵敏度
system simulation,系统仿真
system software,系统软件
system state,系统状态
system statistical analysis,系统统计分析
system test time,系统测试时间
system theory,系统理论
systematic error,系统误差
systematic uncertainty,系统不确定度
systematology,系统学

T

tachometer,转速表
tachometer generator,测速发电机
tacho-torquemeter,转矩转速测量仪
tailing peak,拖尾峰
tailored control system,柔性控制系统
take-off angle,出射角
take-up,缩格
tandem data circuit,级联数据电路
tape recorder of digital logging,数字测井磁带记录仪
taperecorder,磁带记录仪
tapping,取压口; 轻敲
target,靶; 觇标
target computer,目标计算机
target flow transducer,靶式流量传感器
target flowmeter,靶式流量计
target size,目标尺寸
taring construct,去皿装置
task,任务
task allocation,任务分配
task coordination,任务协调
task cycle,作业周期
task level language,作业级语言
task optimization,任务优化
task program,作业程序
taut suspension galvanometer,张丝式检流计
technical evaluation,技术评定; 技术评价
technical regulation,技术法规
technical specification,技术规范
techniques for approximating the ITS-90,ITS-90 的近似技术
telecommunication,远程通信
telemeasuring equipment,遥测装置
telemechanics,运动学
telemetry and remote control system,遥测遥控系统
telemetry communication system,遥测通信系统
telemetry instrument,遥测仪器仪表
telemetry STD profiling system,遥测温盐深剖面仪
telemetry system of frequency division type,频分(制)遥测系统
telemetry system of time division type,时分(制)遥测系统
telemetry wave buoy,遥测波浪浮标
telemetry,遥测
telemetry strain indicator,遥测应变仪
telemetry system,遥测系统
teleological system,目的系统
teleology,目的论

telephotometer, 遥测光度表
teleprinter, 电传打字机
teleprocessing, 远程处理
telepsychrometer, 遥测湿度仪
telescope, 望远镜
telescope level, 望远镜水准器
telescopic system, 望远镜系统
telethermometer, 遥测温度仪
teletype, 电传打字机
teletypewriter, 电传打字机
temperature, 温度
temperature compensating method of reference junction, 参比端温度补偿法
temperature compensation, 温度补偿
temperature-conductivity indicator, 温度—电导率测量仪
temperature constant state, 恒温状态
temperature control thermistor, 控温热敏电阻器
temperature controlled salinity bath, 控温盐水槽
temperature correction, 温度修正
temperature cycling, 温度循环
temperature difference, 温差
temperature difference electromotive force, 温差电势
temperature drift, 温度漂移
temperature error, 温度误差
temperature fall period, 降温过程（阶段）
temperature fall time, 降温时间
temperature field, 温度场
temperature fluctuation, 温度波动度
temperature gradient, 温度梯度
temperature humidity chamber, 恒温恒湿箱
temperature humidity range, 温度湿度范围
temperature-humidity test chamber, 湿热试验箱
temperature-hysteresis effect of standard cell, 标准电池温度滞后效应
temperature measure thermistor, 测温热敏电阻器
temperature measurement, 温度测量
temperature of the extrapolated onset, 外推起始温度
temperature of the ocean, 海洋水温
temperature offset, 温度偏置
temperature point for verification, 检验温度点
temperature-pressure tank, 控温压力罐
temperature-pressure test chamber, 温压试验箱
temperature radiation, 温度辐射
temperature range, 温度范围
temperature-rise period, 升温过程（阶段）
temperature rise time, 升温时间

temperature rising,温升
temperature scale,温（度）标（尺）
temperature standard material for DTA,差热分析温度标准物质
temperature standard material for TG,热重法温度标准物质
temperature transducer (sensor),温度传感器
temperature transmitter,温度变送器
temperature uniformity,温度均匀性
temporary base strain gauge,临时基底应变计
tensile strength,拉伸强度
tensile stress,拉应力
tensile testing machine,拉力试验机
tension force,张力
terminal,终端
terminal-based conformity,端子一致性
terminal-based linearity,端子线性度
terminal control,端子控制
terminology standard,术语标准
terrestrial radiation,地球辐射
test block,试块
test chamber,试验箱
test coil,试验线圈
test data,试验数据
test for nominal samples,标样试验
test for non-transmission(of an internal explosion),隔爆性能试验
test frequency,激励频率； 试验频率
test loads,试验负荷
test mass,试验质量
test order,试验顺序
test point,测试点
test procedure standard,试验程序标准
test signal,测试信号
test solution,试验溶液
test space,试验空间
test surface,探伤面
test table,工作台
testability,可测试性
tester,校验器
testing bench,试台
testing facility,试验装置
testing system flexibility,试验系统的柔度
texturometer,构造仪
TG-DTA,热天平/差示热分析仪
thematic mapper (TM),专题制图仪
theodolite,经纬仪

theoretical intensity of scattered ion, 散射离子的理论强度
theoretical slope factor, 理论斜率因数
thermal analysis, 热分析
thermal analysis curve, 热分析曲线
thermal analysis instrument, 热分析仪器
thermal analysis range, 热分析范围
thermal chemical gas analyzer, 热化学式气体分析器
thermal conductivity, 热导率
thermal conductivity cell, 热导池
thermal conductivity detector (TCD), 热导检测器
thermal conductivity gas analyzer, 热导式气体分析器
thermal conductivity gas transducer [sensor], 热导式气体传感器
thermal conductivity humidity transducer [sensor], 热导式湿度传感器
thermal conductivity meter, 热导率计
thermal conductivity of mixture gas, 混合气体热导率
thermal cone, 温度锥
thermal dilatometer, 热膨胀仪
thermal equilibrium, 热平衡
thermal fatigue testing machine, 热疲劳试验机
thermal hysteresis, 热滞后
thermal infrared range (TIR) remote sensing, 热红外遥感
thermal instrument, 热系仪表
thermal insulation, 隔热
thermal ionization mass spectrometer, 热电离质谱计
thermal magnetic oxygen analyzer, 热磁式氧分析器
thermal mass flowmeter, 热式质量流量计
thermal output, 热输出
thermal output coefficient, 热输出系数
thermal printer, 热敏印刷机
thermal radiation, 热辐射
(thermal)radiator, (热) 辐射体
thermal recorder, 热式记录仪
thermal response time, 热响应时间
thermal sensitivity drift, 热灵敏度漂移
thermal shock, 热冲击
thermal shock test chamber, 热冲击试验箱
thermal strain, 热应变
thermal stress, 热应力
thermal titration, 热滴定 (法)
thermal wave electron image, 热波电子象
thermal wave electron microscope, 热波电子显微镜
thermal zero drift, 热零点漂移
thermistor, 热敏电阻
thermistor chain, 热敏电阻测温链

(thermo) reference material, (热) 参比物
thermo-sensitive element, 热敏元件
thermoacoustimetry, 热 (传) 声法
thermoacoustimetry apparatus, 热传声仪
thermobalance, 热天平
thermocouple, 热电偶
thermocouple circuit, 热电偶电路
thermocouple element, 热电偶元件
thermocouple instrument, 热偶式仪表
thermocouple style, 热电偶的形式
thermocouple type, 热电偶的类型
thermodilatometer, 热膨胀仪
thermodilatometry, 热膨胀法
thermodynamic quantity transducer [sensor], 热力学量传感器
thermodynamic temperature, 热力学温度
thermodynamic temperature scale, 热力学温标
thermoelectric effect (of resistance thermometer sensor), (热电阻的) 热电影响
thermoelectric effect error, 热电效应误差
thermoelectric thermometer, 热电温度计
thermoelectric thermometry, 热电测温法
thermoelectric thermostat, 半导体致冷恒温槽
thermoelectric transducer [sensor], 热电式传感器
thermoelectrometry, 热电法
thermoelectrometry apparatus, 热电 (分析) 仪
thermoelement, 热电极
thermograph, 热图
thermograph technology, 热成像技术
thermogravimetric curve, 热重曲线
thermogravimetry (TG), 热重法
thermogravimetry curve, 热重曲线; TG 曲线
thermohygrograph, 温湿计
thermology method, 热学方法
thermoluminescence, 热发光法
thermoluminescence apparatus, 热发光仪
thermoluminescent dosimeter, 热释光剂量计
thermomagnetic analysis unit, 热磁分析仪
thermomagnetic oxygen analyzer transducer, 热磁式氧分析传感器
thermomagnetometry, 热磁 (学) 法
thermomagnetometry apparatus, 热磁仪
thermomechanical analysis (TMA), 热机械分析
thermomechanical analysis apparatus, 热机械分析仪
thermomechanical analysis unit, 热机械分析仪
thermometer, 温度计
thermometer screen, 百页箱

thermometer shelter, 百页箱
thermometer well, 温度计套管
thermometric analyzer, 热学式分析仪器
thermometric gas analysis, 热学式气体分析 (法)
thermometric gas analyzer, 热学式气体分析器
thermometry, 测温学
thermomicroscopy, 热显微镜法
thermomicroscopy apparatus, 热显微仪
thermoparticulate analysis, 热微粒分析; 热粒子分析
thermoparticulate analysis apparatus, 热微粒分析仪
thermophotometry, 热光学法; 热光度法; 热光法
thermophotometry apparatus, 热光仪; 热光度仪
thermopile, 热电堆
thermorefractometry, 热折射法
thermorefractometry apparatus, 热折射仪
thermo-sensor, 热敏元件
thermosonimetry, 热发声法
thermosonimetry apparatus, 热发声仪
thermospectrometry, 热光谱法
thermospectrometry apparatus, 热光谱仪
thermospray interface, 热喷雾接口
thermospray ionization, 热喷雾电离
thermostatic bath, 恒温槽
thermostatic oil bath, 恒温油槽
thermostatic water bath, 恒温水槽
thermovision, 热象仪
thermowell (of thermometr), (温度计) 套管
thickness, 厚度
thickness meter, 厚度计
thickness standard plate, 厚度标准样板
thickness transducer [sensor], 厚度传感器
thin film gas sensor, 薄膜式气敏元件
thin film strain gauge, 薄膜式应变计
thin layer chromatography, 薄层色谱法
thin orifice plate, 薄孔板
third octave filter, 1/3 倍频程滤波器
third-octave filter set, 1/3 倍频程滤波器组
Thomson (double) bridge, 汤姆生 (双臂) 电桥
Thomson coefficient, 汤姆生系数
Thomson effect, 汤姆生效应
Thomson heat, 汤姆生热
threaded bezel ring, 螺纹盖环
threaded ends, 螺纹连接端
threaded window, 螺纹观察窗

three angular array,三角阵
 three component balance,三分力天平
 three-step control,三位控制
 three-step controller,三位控制器
 three-terminal measuring,三端测量
 three-terminal standard resistor,三端（钮）标准电阻器
 threshold,阈值
 threshold of audibility,可听阈
 threshold of pain,痛阈
 threshold speed,起始流速
 threshold unit,门槛单元
 throat,喉部
 throttling device,节流装置
 throttling element,节流件
 thunderstorm,雷暴
 tidal height,潮高
 tidal height datum plane of the station,测站潮高基准面
 tidal observatory,验潮站
 tidal range,潮差
 tide,潮汐
 tide gauge,验潮仪
 tide gauge well,验潮井
 tide staff,验潮杆；水尺
 tight ion source,封闭式离子源
 time base,时间轴；时基
 time-base pressing circuit,时基压缩电路
 time constant,时间常数
 time constant index,时间常数指数
 time constant of strain instruments,应变仪时间常数
 time delay,时延
 time delay system,时滞系统
 time-derived channel,时分信道
 time-division multiplexing,时分多路转换
 time domain,时域
 time domain analysis,时域分析
 time domain induced polarization instrument,时间域激电仪
 time domain matrix,时域矩阵
 time domain matrix method,时域矩阵法
 time domain method,时域法
 time domain model reduction method,时域模型降阶法
 time-of-flight mass spectrometer,飞行时间质谱计
 time-of-flight ultrasonic flowmeter,传播时间式超声流量计
 time of passage of tracer cloud,示踪云通过时间
 time of recovery temperature,温度回复时间

time optimal control,时间最优控制
time-oriented sequential control,时间定序顺序控制
time per point,每点时间
time program,时间程序
time proportioning control,时间比例控制
time response,时间响应
time scale factor,时间比例尺
time schedule controller,时序控制器
time series analysis,时间序列分析
time shared control,分时控制
time-sharing control,分时控制
time-varying parameter,时变参数
time-varying system,时变系统
timeout,超时
timer,时标装置
timer error,时标误差
timing factor,标定系数
tin oxide series gas sensor SnO₂,系气敏元件
tipping-bucket rain recorder,翻斗式雨量计
tipping-bucket rain gauge,翻斗式雨量计
titration,滴定
titration curve,滴定曲线
token,令牌; 权标
token bus,令牌总线
token passing procedure,令牌传递规程
tolerance,允差; 容错
tolerance between forward and backward in indicating value,示值回程差
tomography,X 射线层析照相术
top and bottom guiding,顶底导向
top-down development,自上而下开发
top-down testing,自上而下测试
top guiding,顶导向
top-loading balance,上皿天平
top-loading thermobalance,上皿式热天平
topological structure,拓扑结构
toroidal throat Venturi nozzle,喇叭口喉部文丘里喷嘴
torque,转矩; 力矩
torque magnetometer,转矩磁强计
torque transducer [sensor],力矩传感器; 转矩传感器
torque variator,力矩变换器
torque limit switch,力矩开关
torque magnetometr,转矩磁强计
torque transducer,转矩传感器
torquemeter,转矩测量仪

torsion balance,扭秤; 扭力天平
torsion testing machine,扭转试验机
torsional braid analysis,扭辫分析
torsional braid analysis apparatus,扭辫分析仪
torsional shear strain,扭应变
torsional vibration,扭转振动
total cloud cover,总云量
(total) conversion time, (全部) 转换时间
total counts of acoustic emission,声发射总数
total emissivity,全发射率
total harmonic distortion,总谐波失真
total immersion thermometer,全浸温度计
total ion chromatogram,总离子色谱图
total load,总负荷
total number of divisions,分格数
total organic carbon analyzer for seawater,海水总有机碳测定仪
total pressure,总压
total pressure Pitot tube,总压皮托管
total pressure tapping,总压取压孔
total pressure tube,全压管
total quality control (TQC),全面质量管理
total radiation,全辐射
total radiation thermometry,全辐射测温法
total response time,全响应时间
total weight,累计称量
total weight,累计称量
totalizer,总加器
totalizing instrument,总计仪器仪表
totalizing snowmeter,累计雪量计
towed STD system,拖曳式温盐深剖面仪
towed underwater TV-camera system,拖曳式水下电视摄像系统
towing depth distance recorder,曳航深度距离记录仪
trace analysis,痕量分析
trace identification device,迹线分辨装置
trace program,示踪程序
traceability,溯源性
tracer methods,示踪法
track etch survey,径迹测量
track scanner,径迹扫描仪
tracking control,跟踪控制
tracking error,跟踪误差
tracking filter,跟踪滤波器
tracking optical pumping magnetometer,跟踪式光泵磁力仪
trailing thermistor,电测表层温度计

transaction, 事务处理
transaction file, 细目文卷
transaction time, 事务处理时间
transbuoy, 浮标自动气象站
transducer, 传感器; 探头
transducer class, 传感器等级
transduction membrane, 传感膜
transfer balancing line, 平衡自动线
transfer function, 传递函数
transfer function matrix, 传递函数矩阵
transfer ratio, 传送比率
transfer ratio error, 传送比率误差
transformed value (of a measurand), (被测量的) 变换值
transformer bridge, 变压器电桥
transient, 瞬态
transient deviation, 瞬态偏差
transient error, 瞬态过载
transient overload, 瞬时过冲
transient power disturbances, 瞬时电源扰动
transient process, 过渡过程
transient process characteristic curve, 暂态特性曲线
transient rotative speed, 瞬态转速
transient tachometer, 瞬态转速仪
transient time, 过渡过程时间
transient vibration, 瞬态振动
transient weight, 瞬时称量
transistor temperature transducer [sensor], 晶体管温度传感器
transit, 经纬仪
transit time method, 渡越时间法
transit time ultrasonic flowmeter, 渡越时间式超声流量计
transition flow, 转变流
transition point, 转码点
transitional flow-rate, 分界流量
transmission, 透射
transmission electron image, 透射电子象
transmission electron microscope (TEM), 透射电子显微镜
transmission line, 传输线
transmission medium, 传输媒体
transmission method, 穿透法
transmission technique, 空透法
transmission turbidimeter, 透射光浊度计
transmissive optic tachometric transducer, 透光式转速传感器
transmissometer, 透射表
transmittance, 透射比; 透射率; 透射系数

transmittance grating,透射光栅
transmitted pulse,发射脉冲
transmitter,变送器
transparency,透明度；超然性
transport delay,输送延迟
transport package,运输包装
transportation and storage condition,运输和贮存条件
transposition method of measurement,交换测量法
transverse acceleration,横向加速度
transverse effect,横向效应
transverse motion of test table,工作台横向运动
transverse resolution,横向分辨力
transverse sensitivity,横向灵敏度
transverse stiffness,横向刚度
transverse wave,横波
trap,收集器；陷阱
travel,行程
traversing of probe,前后扫查
trend analysis,趋势分析
trend method,趋势法
trend recorder,趋势记录仪
tri-colour thermometry,三色测温法
tri-component borehole magnetometer,井中三分量磁测井仪
trim,阀内件
triple tandem quadrupole instrument,三级串联四极质谱计
triple-point,三相点
triple-point of water,水三相点
triplet,三重布置；三重检测
tripod,三脚架
tripping device for plankton net,浮游生物网闭锁器
true value (of a quantity), (量的) 真值
truncated Venturi tube,截尾文丘里管
trunk cable,干线电缆
T-S diagram (curve),温盐曲线
tube bubble,管状水准泡
tube end piece [tip],管端块[头]
tubular level,管状水准器
tumbling,翻滚
Tungsten-Rhenium thermocouple series,钨铼系热电偶
tungsten strip lamp,钨带灯
turbidimeter,浊度计
turbidity,浑浊度；浊度
turbidity transducer [sensor],浊度传感器
turbine flow transducer [sensor],涡轮流量传感器

turbine flowmeter, 涡轮流量计
turbo molecular pump, 涡轮分子泵
turbulence, 紊流
turbulent flow, 紊流
turn-off overshoot, 断开过冲
turn-on overshoot, 接通过冲
turnable stator, 可转动定子
turns correction compensation, 匝数更正（补偿）值
TV-camera system, 电视摄像系统
two-colour(radiation) thermometer, 比色温度计
two-colour temperature, 比色温度
two-colour thermometry, 比色测温法
two-dimensional location, 平面定位； 二维空间定位
two-step action, 两位作用
two-step control, 两位控制
two-step controller, 两位控制器
two-terminal standard resistor, 二端（钮）标准电阻器
two-way alternate communication, 双向交替通信
two-way simultaneous communication, 双向同时通信
two-wire temperature transmitter, 两线制温度变送器
type, 型式
type approval, 产品定型； 形式批准
type of action of an element or system, 元件或系统的作用方式
type of protection of an instrument for explosive atmosphere, 仪表防爆形式
type of strain gauge, 应变计（片）型式
type test, 形式检验； 形式试验

U

U-port, U 型端口
U-tube manometer, U 形管压力计
ultra-high vacuum, 超高真空
ultra-high voltage electron microscope, 超高压电子显微镜
ultralongwave spectrometer, 超长波光谱仪
ultrasonic anemometer, 超声波风速表
ultrasonic disc cutter, 超声样品切割机
ultrasonic Doppler blood pressure transduce [sensor], 超声多普勒血压传感器
ultrasonic flaw detection, 超声探伤
ultrasonic flaw detector, 超声探伤仪
ultrasonic flow transducer, 超声流量传感器
ultrasonic flowmeter, 超声流量计
ultrasonic hardness tester, 超声硬度计
ultrasonic level measuring device, 超声物位测量装置
ultrasonic levelmeter, 超声物位计
ultrasonic methods, 超声法

ultrasonic sensor,超声(波)传感器
ultrasonic thickness meter,超声(波)厚度计
ultrasonic transducer,超声换能器
ultrasonic wave,超声波
ultrathin section sample,超薄切片样品
ultra-violet and visible spectrophotometer,紫外可见光分光光度计
ultraviolet filter,透过紫外线的滤光片
ultraviolet hygrometer,紫外湿度表
ultraviolet lamp,紫外线照射装置
ultraviolet light transducer [sensor],紫外光传感器
ultraviolet photo-electron spectrometer,紫外光电子能谱仪
ultraviolet photo electron spectroscopy (UPS),紫外光电子能谱法
ultraviolet radiation,紫外线辐射
ultraviolet ray intensity meter,紫外线强度计
ultraviolet remote sensing,紫外遥感
ultraviolet-visible detector,紫外—可见光检测器
unaddressed operation,非寻址操作
unbalance,不平衡
unbalance component measuring device,不平衡分量测量装置
unbalance mass,不平衡质量
unbalance reduction ratio (URR),不平衡量减少率
unbalance response,不平衡响应
unbalance vector,不平衡矢量
unbalance vector measuring device,不平衡矢量测量装置
unbalanced output,非对称输出
unbiased estimation,无偏估计
unbonded strain gauge,非粘贴式应变计
uncertainty,不确定度
uncertainty of measurement,测量不确定度
uncorrected result,未修正结果
uncoupled modes,非耦合振型
undamped natural frequency,无阻尼固有频率
undamped natural mode of vibration,无阻尼固有振动模态
under water acoustic measurement,水声综合测量仪
underdamping,周期阻尼; 欠阻尼
undersea buoy system,水下浮标系统
understandability,可理解性
underwater absorption meter,水下吸收仪
underwater acoustic,水(下)声学
underwater acoustic communication set,水下通讯装置
underwater acoustic measurement,水声测量
underwater acoustic transducer,水声换能器
underwater camera,水下照相机
underwater communication system,水下通讯装置

underwater holography,水下全息摄影
underwater irradiance meter,水下辐照度计
underwater lighting system,水下照明装置
underwater movie camera,水下电影摄影机
underwater panoramic camera,水下全景照相机
underwater polarimeter,水下偏振仪
underwater radiance meter,水下辐射率计
underwater scattering meter,水下散射仪
underwater sound,水(下)声学
underwater sound integrated measuring set,水声综合测量仪器
underwater sound test tank,水声试验水池
underwater television camera,水下电视摄像机
underwater towed system,水下拖曳系统
underwater towed vehicle,水下拖曳体
underwater transducer array,水声换能器基阵
underwater transmissometer,水下透射率仪
underwater vehicle,水下运载工具
underwater visibility,水下能见度
underwater window,水下“窗口”
undetermined components,非测组分
unearthed voltage transformer,不接地型电压互感器
uniaxial strain gauge,单轴应变计
uniform stability,一致稳定性
uniform temperature zone,均温区
uniform temperature zone length,均热带长度
uniformity of table motion,台面运动的均匀度
union nut,双端螺母
unit,单元; 单位
unit(of measurement), (测量) 单位
unit area acoustic impedance,声阻抗率
unit feedback,单位反馈
unit resolution,单位分辨
unit resolution mass,单位分辨质量
unit step function,单位阶跃函数
universal balancing machine,通用平衡机
universal gas chromatograph,通用气相色谱仪
universal head loss coefficient,通用压头损失系数
universal testing machine,万能试验机
universal toolmaker's microscope,万能工具显微镜
unmanned submersible,无人潜水器
unsaturated standard cell,不饱和式标准电池
unsteady flow,不稳定流
upper-air observation,高空观测
upper limit of the nominal of use for frequency,标称使用频率范围上限

upward (total) radiation,向上(全)辐射
upward terrestrial radiation,向上地球辐射
urea enzyme transducer [sensor],酶(式)尿毒传感器
urinary bladder inner pressure transducer [sensor],膀胱内压传感器
usable cross-section of the test channel,试验流道的可用横截面
usable minimum immersion depth,最小可用浸入深度
useful life,使用寿命
useful spectral range,有效光谱范围
user adjustment,用户调整
user layer,用户层
utility routine,服务程序; 实用程序; 实用例行程序
utility software,实用软件
UV dosimeter,紫外线表
UVW anemometer,三维风速表; UVW 风速表
V
vacancy chromatography,空穴色谱法
vacuum,真空; 负压
vacuum accumulator,真空贮气筒
vacuum correction,真空修正
vacuum drying chamber,真空干燥箱
vacuum evaporator,真空镀膜台
vacuum fusion gas chromatography,真空熔融气相色谱法
vacuum gauge,真空表; 真空规管
vacuum system,真空系统
vacuum transducer [sensor],真空[负压]传感器
vacuum valve,真空阀门
validity check,有效性检验
validity event,有效事件
valley,谷
Vallot helio-thermometer,瓦劳特日光温度表
value analysis,价值分析
value engineering,价值工程
value (of a quantity), (量) 值
value of image shift,图象漂移量
value of scale division,标度分格值
value of scale mark,标度值
values transfer,量值传递
valve,阀
valve body,阀体
valve capacity,阀容量
valve outlet Mach number,阀出口马赫数
valve plug,阀芯
valve seat,阀座面
valve shaft,阀轴

valve sizing, 阀尺寸计算; 阀口径计算
valve stem, 阀杆
valve stem position transmitter, 阀位发送器
valve stem unbalance, 阀杆不平衡力
vane, 阀板; 方向标
vapour concentration, 水汽浓度
vapour pressure, 水汽压
vapour tension, 水汽张力
vaporizer, 汽化室
vaporizing heat, 气化热
variable, 变量
variable-angle internal reflection element, 可变角度内反射元件
variable angle probe, 可变有探头
variable area flowmeter, 变面积流量计
variable-area methods, 可变面积法
variable gain, 可变增益; 可变放大系数
variable gain method, 可变增益法
variable-head flowmeter, 可变压头流量计
variable magnetic-resistance type transducer, 变磁阻式传感器
variable pressure, 变化压力; 变压
variable standard capacitor, 可变标准电容器
variable structure control system, 变结构控制系统
variation (due to influence quantity), (影响量引起的) 变化量; 变差
variation in testing temperature, 试验温度波动度
variation in the indicating value, 示值变动值
variety, 品种
varistor, 电压敏电阻器
vectopluviometer, 雨向计
vector averaging current meter, 矢量平均海流计
veiling glare, 杂光
veiling glare coefficient, 杂光系数
velocity, 速度
velocity-area methods, 速度面积法
velocity distribution, 速度分布
velocity error, 速度误差
velocity error coefficient, 速度误差系数
velocity feedback, 速度反馈
velocity focusing, 速度聚焦
velocity limiter, 速度限制器
velocity measure thermistor, 测速热敏电阻器
velocity of approach factor, 渐近速度系数
velocity pickup, 速度传感器
velocity transducer [sensor], 速度传感器
velocity type water meter, 速度式水表

vena contracta,缩流断面
vena contracta pressure tapings,缩流取压口
vent holes,排气孔
ventilated psychrometer,通风干湿表
ventilated thermometer,通风温度表
ventilation rate,换气量
ventilator,通风器
Venturi nozzle,文丘里喷嘴
Venturi tube,文丘里管
Verification,检验; 检定
verifier,校对机
verify,校对
vernier,游标
vertical angle,竖直角
vertical axis,竖轴
vertical balancing machine,立式平衡机
vertical current flow method,直角通电法
vertical extent of a cloud,云的垂直厚度
vertical limit,垂直极限
vertical scanning,帧扫描
vertical tail,垂直翼
vertical temperature profiler radiometer (VTPR),垂直温度剖面仪
vertical visibility,垂直能见度
very low frequency electromagnetic receiver,甚低频电磁仪
VF presentation,视频显示; 检波显示
vibrating reed instrument,振簧系仪表
vibrating sample magnetometer,振动样品磁强计
vibrating viscometer,振动粘度计
vibrating wire [resonant wire] drawing force meter,振弦式拉力计
vibrating wire [resonant wire] force transducer,振弦式力传感器
vibrating wire [resonant wire] tensiometer,振弦式张力计
vibrating wire [resonant wire] tension transducer,振弦式张力传感器
vibrating wire [resonant wire] torque measuring instrument,振弦式转矩测量仪
vibrating wire [resonant wire] torque transducer,振弦式转矩传感器
vibrating wire transducer,振弦式(压力)传感器
vibration,振动
vibration amplitude,振幅
vibration analyzer,振动分析仪
vibration controller,振动控制仪
vibration cylinder barometer,振筒式气压表
vibration cylinder pressure transducer,振筒式气压传感器
vibration error,振动误差
vibration galvanometer,振动检流计
vibration generator,振动台; 振动发生器

vibration isolation,隔振
vibration isolator,隔振器
vibration measurement by absolute method,绝对测振法
vibration measurement by mechanical method,机械测振法
vibration measurement by relative method,相对测振法
vibration monitor,振动监视器
vibration pick-up,振动传感器
vibration severity,振动烈度
vibration standard exciter,标准振动台
vibration test,振动试验
vibration transducer [sensor],振动传感器
vibrational severity,振动严酷度
vibrator,振动器
vibrator galvanometer,振动检流计
vibrometer,振动计
Vickers hardness number,维氏硬度值
Vickers hardness penetrator,维氏硬度压头
Vickers hardness tester,维氏硬度计
videometer,视程仪
virtual image,虚象
virtual image mass spectrometer,虚象质谱计
virtual memory,虚拟存储
viscometer,粘度计
viscosity,粘度
viscosity balance,粘度天平
viscosity transducer [sensor],粘度传感器
visibility,能见度
visibility marker,能见度目标物
visibility meter,能见度仪
visibility object,能见度目标物
visible function,视见函数
visible light transducer [sensor],可见光传感器
visible magnetic particle,非荧光磁粉
visible radiation,可见光辐射
visible spectral remote sensing,可见光遥感
visual axis,视轴
visual range,视程
visual range meter,视距测定仪
voltage amplifier,电压放大器
voltage center,电压中心
voltage circuit,电压电路
voltage constant,电压常数
voltage controlled gate (VCG) module,电压控制门组件
voltage-dependent resistor,电压敏电阻器

voltage divider,分压器
voltage divider with auxiliary branch circuit,具有辅助支路的分压箱
voltage error,电压比值差
voltage matching transformer,电压匹配互感器
voltage ratio,电压比
voltage ratio of a capacitor divider,电容器式分压器的电压比
voltage-regulation coefficient,稳压系数
voltage-second calibrator,伏秒定标器
voltage sensitivity,电压灵敏度
voltage stabilized thermistor,稳压热敏电阻器
voltage transducer [sensor],电压传感器
voltage transformer,电压互感器
voltammetry,伏安法
volt-ampere meter,视在功率表
volt-ampere-hour meter,视在功率电度表；伏安时计
voltmeter,电压表
volume conductive humidity transducer [sensor],体电导式湿度传感器
volume flow,体积流量总量
volume flow-rate,体积流量
volume of the chamber,试验箱容积
volume thermodilatometry,体膨胀法
volume viscosity,体积粘度
volumetric chromatography,体积色谱法
volumetric flowmeter,容积式流量计
volumetric method,容积法
volumetric water meter,容积式水表
vortex flow transducer [sensor],涡街流量传感器
vortex flowmeter,旋涡流量计
vortex precession flowmeter,旋涡进动流量计
vortex shedding flow transducer,涡街流量传感器
vortex-shedding flowmeter,涡街流量计
W-cathode,W-阴极
wading rod,测流标杆
wait byte,等待字节
wake oscillator,尾流振荡器
wall mounting (pressure) gauge,墙装压力表
wall (pressure) tapping,管壁取压口
wall-coated open-tubular column;WCOT column,涂壁空心柱
warm-up period,预热期
warm-up time,预热时间
washing station,清洗装置
watchdog timer,监视时钟
water colour,水色
water equivalent of snow,雪水当量

water gauge level,水尺高程
water meters,水表
water quality analyzer,水质分析仪
water quality indicator buoy,水质监测浮标
water quality monitoring system,水质监测系统
water spray test,喷淋试验
water vapour,水汽
water vapour proof packaging,防潮包装
water washable dye penetrant testing method,水洗性着色渗透探伤法
water washable fluorescent penetrant testing method,水洗性荧光渗透探伤法
water washable penetrant,水洗性渗透液；自乳化性渗透液
waterproof instrument,防水式仪器仪表
waterproof packaging,防水包装
waterproof solenoid valve,防水型电磁阀
waterproof type strain gauge,防水应变计
watertight instrument,水密式仪器仪表
watt-hour meter,瓦时计
wattmeter,功率表
wave,波浪；波
wave direction,波向
wave form display type shallow-layer seismograph,波形表示型浅层地震仪
wave generator,造波机
wave guide,波导管
wave height,波高
wave observation,波浪观测
wave period,波周期
wave shape,波型
wave spectrogram,波谱图
wave spectroscopy,波谱法
wave staff,测波杆
waveform stabilization,波形稳定
wavelength band,工作波段
wavelength dispersion,波长色散
wear-out failure,耗损失效
weather radar,天气雷达
weather resistance test,耐候试验
weather satellite,气象卫星
wedge,楔块
weighing cell,称重传感器
weighing frame [unit],称量框架
weighing method,称重法
weighing section [length],称量段
weighing transducer [sensor],重量传感器；称重传感器
weight,砝码

weight carrier, 底盘
weight correction value, 砝码修正值
weight indication, 砝码标称值
weight-loaded regulator, 重力型自力式调节阀
weight of measurement, 测量的权
weight value of practical mass, 砝码实际质量值
weighted arithmetic mean, 加权算术平均值
weighted average, 加权平均值
weighted summing unit, 加权加法单元
weighting factor, (加) 权因子
weighting function, (加) 权函数
weighting matrix, (加) 权矩阵
weighting method, 加权法
weighting network, 计权网络
weir type flow sensor, 堰式流量传感器
weldable strain gauge, 焊接式应变计
welded bellows, 焊接波纹管
welded ends, 焊接连接端
welded mounting coupler, 焊头
wet bulb, 湿球
wet-bulb temperature, 湿球温度
wet-bulb thermometer, 湿球温度表
wet gas meter, 湿式气体表
Wheatstone bridge, 惠斯登电桥
whirling psychrometer, 旋转干湿表
white noise, 白噪声
white random vibration, 白随机振动
white X-rays, 白色 X 射线
whole machine balancing, 整体平衡
wide band seismograph, 宽频带地震仪
width meter [gauge], 宽度计
width of acoustic emission event, 声发射事件宽度
width standard plate, 宽度标准样板
Wien velocity filter, 维恩速度过滤器
Winchester disk drive, 温盘机
wind cup, 风杯
wind direction, 风向
wind force, 风力
wind force scale, 风级
wind mill anemometer, 叶轮式风速表
wind pressure, 风压
wind run, 风程
wind sleeve, 风(向)袋
wind sock, 风(向)袋

wind speed,风速
wind speed distribution,风速分布
wind speed of test point,测试点风速
wind tunnel,风洞
wind vane,风向标
wind vave,风浪
windfindinradar,测风雷达
window,观察窗; 窗口
window function,窗口函数
windowing,开窗口
windshield,防风罩
wire angle indicator, (钢丝绳) 倾角器
wire frame,全帧显示方式
wire printer,针式打印机
wire strain gauge,丝式应变计
wire torsion tester,线材扭转试验机
wire type transducer,丝式传感器
wiresonde,系留探空仪
wobbler,摇摆调焦器
Woltmann water meter,螺翼式水表
word,字
word length,字长
work file,工作文卷
work station,工作站
work station for computer aided design,计算机辅助设计工作站
working chamber,工作室
working conditions,工作条件
working pressure,工作压力
working resolution,工作分辨率
working sensitivity,工作灵敏度
working space,工作空间
working standard,工作标准器
working temperature,工作温度
World Factory Instrumentation Protocol;World FIP,World FIP 总线 (世界工厂仪表协议)
world model,全球模型; 世界模型
wound primary type current transformer,绕线式电流互感器
write,写
writing speed,记录速度

X

x-radiation thickness meter,x 射线厚度计
X-ray,X 射线; 伦琴射线; X 光
X-ray absorption spectrometer,X 射线吸收式光谱仪
X-ray analysis,X 射线分析法

X-ray analyzer,X 射线分析器
X-ray apparatus for structure analysis,结构分析用 X 射线分析
X-ray beam stop,X 射线光束截捕器
X-ray cinematography,X 射线电影摄像法
X-ray controller,X 射线控制器
X-ray crystal spectrometer,X 射线晶体光谱仪
X-ray detector,X 射线探测器
X-ray diffraction analysis,X 射线衍射分析法
X-ray diffractometer,X 射线衍射仪
X-ray energy dispersive spectrometr,X-射线能量分散谱仪
X-ray energy spectrometr,X 射线能谱仪
X-ray filter,X 射线过滤器
X-ray fluometry logger,X 射线荧光测井仪
X-ray fluoresce readout analyser,X 射线荧光直读分析仪
X-ray fluorescence analysis,X 射线荧光分析法
X-ray fluorescent emission spectrometer,X 射线荧光发射光谱仪
X-ray fluorimeter,X 射线荧光仪
X-ray fluorimeter in borehole,井下 X 射线荧光仪
X-ray goniometer,X 射线测角仪
X-ray high voltage generator,X 射线高压发生器
X-ray intensity,X 射线强度
X-ray monochromator,X 射线单色器
X-ray photo-electron spectrometer (XPS),X 射线光电子能谱仪
X-ray photo electron spectroscopy (XPS),X 射线光电子能谱法
X-ray powder diffractometer,X 射线粉末衍射仪
X-ray spectrograph,X 射线摄谱仪
X-ray spectrometer,X 射线光谱仪
X-ray spectrometer arrangement,X 射线分光装置
X-ray spectrum,X 射线光谱
X-ray television apparatus for industry,工业 X 射线电视装置
X-ray transducer [sensor],X 射线传感器
X-ray tube,X 射线管
X-ray tube current,X 射线管电流
X-ray tube head,X 射线管头
X-ray tube rating charts,X 射线管负荷特性曲线
X-ray tube shield,X 射线管防护罩
X-ray tube voltage,X 射线管电压
X-ray tube window,X 射线管窗口
X-ray wave length dispersive spectrometer,X 射线波长色散谱仪
X-Y recorder,XY 记录仪

Y

Y-modulation,Y 调制角
yaw probe,偏流侧向探头

yield point,屈服点
yield strength,屈服强度
yoke,支架; 磁轭
yoke method,极间法

Z

z-domain,Z 域
z-plane,Z 平面
z-transfer function,Z (变换) 传递函数
z-transform,Z 变换
zenith distance,天顶距
zero,零点; 零位
zero adjustment,调零装置
zero-based conformity,零基一致性
zero-based linearity,零基线性度
zero calibration gas,零点校准气
zero capacitance,零电容
zero displacement value,零位位移植
zero drift,零点漂移
zero elevation,零点提升
zero error,零点误差
zero inductance,零电感
zero-input response,零输入响应
zero knives linear,零刀联线
zero-length spring gravimeter,零长弹簧重力仪
zero-line oscillating,零线抖动
zero-line [reference] marker,零线装置
zero-measurand output,零输出
zero output base line,零输出基线
zero point,零点
zero-point output,零点输出
zero scale mark,零(标度)标记; 零标度线
zero shift,零点迁移[偏移]
zero-state response,零状态响应
zero suppression,零点下降
zero variation,不回零位
zigzag scan,Z 形扫查; 锯齿形扫查
zinc oxide series gas sensor,ZnO 系气敏元件
zinc oxide varistor,氧化锌电压敏电阻器
zirconia sensor,氧化锆传感器
zirconium dioxide oxygen analyzer,氧化锆氧分析器
Zoom lens,Zoom 透镜