## ## 电子类专业英语词汇 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-prereduced 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,吸收温度表

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,吸引材料的吸收率

abstract system,抽象系统

abundance sensitivity,丰度灵敏度

AC-ACLVDT 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]确度

accuracy class,精[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]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 gauge 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,航摄仪

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,县浮微料；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

air meter,气流表

alarm summary 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-ACLVDT), 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,安时计

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 stereo plotter,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 date,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 incidence,入射角

angle refraction,折射角

angle 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,角加速度传感器

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-stocks 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,孔径光栏

aperture time,空隙时间

apparatus for measuring d.c.magnetic characteristics 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 airflow,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(toughness)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

autoradiography,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

aurora,极光

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

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 stigmata,自动调焦和消象散装置

automatic level,自动安平水准仪

automatic leveling 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 weighbridge,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

## ## 电子类专业英语词汇 B

B-scope, B型显示

backflushing,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 weight,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 weight 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

bandwidth 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

baseline,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

benchmark,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 highway,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

blazed 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 chloride 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

bonded 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

Brienll hardness tester,布氏硬度计

broadband LAN,定带局域网

broadband random vibration,宽带随机振动

broadband 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 motherboard,总线母板

bus network,总线网

bus slave,总线从设备

bus topology,总线拓扑

bus type, 总线类型

## ## 电子类专业英语词汇 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 measuring volumetric]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

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,电视湿度计

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,卜片阅读机

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,云幂仪

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,云幂仪

cloud searchlight,云幂灯

cloud speed,云速

cloud top,云顶

cloud-based 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

## ## 电子类专业英语词汇 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

database 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 signaling 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

data way,（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

definitionm, 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 radiaiton),（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 总线；装置网

dew cell,露池

dew-point,露点

dew-point hygrograph,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

dew gauge,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

deaphragm(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

## ## 电子类专业英语词汇 E

early failure,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

eco-buoy, 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,电涡注式位移振幅传感器

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 excitaion 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—静电 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 servo-controlled 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

electrode,电极

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 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

electromyogrphic 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 channeling 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 operation 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

## ## 电子类专业英语词汇 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 rdliability 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

filar 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 varstor,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

finte 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

flameproof 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

flurescent magnetic partcle,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

foregraound,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 spertrometer (FT-ICR-MS), 傅立叶变换离子回旋共振质谱计

## ## 电子类专业英语词汇 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 directional radiometer,伽玛定向辐射仪

gamma processing image,处理象

gamma radiometer in borehole,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 borehole,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(GC0MS),气相色谱—质谱联用仪接口

gas chromatography,气相色谱法

gas chromatorgaphy-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 database,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

grayscale,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

groupof 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

## ## 电子类专业英语词汇 H

habitat,水下居住室[舱]

hair hygrograph,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 pressrue 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 ancmometer,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,亥姆霍蒋共鸣器

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,高压力恢复阀

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),可导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

humid cap, 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

## ## 电子类专业英语词汇 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

joystick,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

## ## 电子类专业英语词汇 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-edge 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

## ## 电子类专业英语词汇 L

L grader,L分级器

LaB6 cathode,六硼化镧阴极

label,标号

labeling,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 ellipse-ness 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 micro spectral 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

level-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 operation 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 coefticient,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 velocity transducer[sensor],线速度传感器

linear viscous 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-in-glass thermometer),（玻璃温度的）液柱

liquid column 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 chromatography,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,氯化锂显敏电阻器

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

## ## 电子类专业英语词汇 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

Macro-assembly 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 flaw 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

magnetoelectric 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

magnetoelectric phase difference torque measuring instrument, 磁电相位 差式转矩测量仪

magnetoelectric phase difference torque transducer,磁电相位差林转矩传感器

magnetoelectric tachometer,磁电式转速表

magnetoelectric tacho-metric transducer,磁电式转速传感器

magnetoelectric velocity measuring instrument,磁电工速度测量仪 magnetoelectric 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

magnetoresistive magentomenter,磁致伸缩磁力仪

magnetostriction testing meter,磁致伸缩测试仪

magnetostrictive transducer,磁致伸缩振动器

magnetreater,磁处理机

megestrol,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 control,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,海洋地夺电缆；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 spectroscope,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 testing 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 allowed 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 operating 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

## ## 电子类专业英语词汇 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 spectromenter 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,浑浊度表

nephoscope, 测云器

Nernst equation,能斯特方程

nest,嵌套

net pyrometer,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 fraiograghy,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-Silicon/Nickel-Silicon 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 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,自由度数

number of effective plates,有效板数

number of theoretical plates,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

## ## 电子类专业英语词汇 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 octave,倍频程

oceanographic survey,海洋调查

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

offline,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

online,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 tacho-meter,光纤式转速表

optic fiber tacho-metric 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 fiber 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 transducer [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 distortion,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

over range,过范围

over range 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

## ## 电子类专业英语词汇 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 isothem,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

penetrameter,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 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 lage,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

photoelectron 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

photoionization,光电离

photoresistor,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 tacho-metric 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

photoelectric magnetic element,光电磁敏元件

photoionization detector (PID),光离子化检测器

photometer,光度计

photometric linearity,光度测量线性

photomultiplier,光电倍增管

phototheodilite,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

## ## 电子类专业英语词汇 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

## ## 电子类专业英语词汇 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],射线齐量传感器

radiation energy,辐射能量

radiation existence,辐（射）出（射）度

radiation fin bonnet,散热片型上阀盖

radiation flux,辐射通量

radiation heat flow meter,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

radio wave penetration instrument,无线电波透视法仪器

rainproof instrument,防溅式仪器仪表

rainfall amount,雨量

rainfall intensity meter,雨量强度计

rainfall meter,雨量强度计

rain gauge,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；能达性

reachable set,可达集；能达集

reachable state,可达状态；能达状态

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[乏时计]

reactive power meter,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

rearrange molecular 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；纠正仪器

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

## ## 电子类专业英语词汇 S

safe chamber (of liquid-inglass 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,热遇偶同名极检定法

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 spectroratiometer,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 radiometr (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 mercurometer,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-diagonostic 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 tachometer,自动归算速测仪

self-regulating,自调整

self-repairing,自修复

self-temperature compensated 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

semi-digital readout,半数字读出

semi-graphic panel,半模拟盘[屏]

semi-physical simulation,半实物仿真

sensing clement,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 external convection sensitive element,外对流敏感元件传感器

sensor with internal convection 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,感知控制

## ## 电子类专业英语词汇 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 supension 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

telemetering and remote control system,遥测遥控系统

telemetering communication system,遥测通信系统

telemetering instrument,遥测仪器仪表

telemetering STD profiling system,遥测温盐深剖面仪

telemetering system of frequency division type,频分（制）遥测系统

telemetering system of time division type,时分（制）遥测系统

telemetering 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

teleophotometer,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,端基一致性

terminal-based linearity,端基线性度

terminal control,终端控制

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

theorotical 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,热成象技术

thermogravimetric curve,热重曲线

thermogravimetry (TG),热重法

thermogravimetry curve,热重曲线；

## ## 电子类专业英语词汇 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 transducer [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

unbounded 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

## ## 电子类专业英语词汇 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

vapor concentration,水汽浓度

vapor pressure,水汽压

vapor 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 tappings,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

video meter, 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-ammpere meter,视在功率表

volt-ampere-hour metr,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

## ## 电子类专业英语词汇 W

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

watercolor,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 vapor,水汽

water vapor 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 measurment,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 pschrometer,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

## ## 电子类专业英语词汇 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 fluoremetry logger,X射线荧光测井仪

X-ray fluoresce readout analyzer,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 wavelength dispersive spectrometer,X射线波长色散谱仪

X-Y recorder,XY记录仪

## ## 电子类专业英语词汇 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

## ## 电子类专业英语词汇 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-measured 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