

## 电子类专业英语词汇 A

| ENGLISH                                | CHINESE   |
|--|-----------|
| 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      |

| ENGLISH                               | CHINESE       |
|---------------------------------------|---------------|
| 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-ACLVDТ 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          |

| ENGLISH  | CHINESE                 |
|--|-------------------------|
| 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<br>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                   |

| ENGLISH   | CHINESE     |
|---|-------------|
| 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     |

| ENGLISH  | CHINESE                      |
|--|------------------------------|
| 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                          |

| ENGLISH                            | CHINESE                             |
|------------------------------------|-------------------------------------|
| 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<br>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                              |

| ENGLISH                                    | CHINESE   |
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| aerometeorograph                           | 高空气象计     |
| aerosol                                    | 悬浮微粒; 气溶胶 |
| aging of column                            | 柱老化       |
| agitator                                   | 搅拌器       |
| agricultural analyzer                      | 农用分析仪     |
| air-borne gravimeter                       | 航空重力仪     |
| air capacitor                              | 空气电容器     |
| air consumption                            | 耗气量       |
| air damper                                 | 空气阻尼器     |
| air-deployable buoy                        | 空投式极地浮标   |
| air-drop automatic station                 | 空投自动气象站   |
| air duct                                   | 风道        |
| air gun                                    | 空气枪       |
| air inlet                                  | 进风口       |
| air lock                                   | 气锁阀       |
| air-lock device                            | 锁气装置      |
| air outlet                                 | 回风口       |
| air pressure balance                       | 空气压力天平    |
| air pressure test                          | 空气压力试验    |
| air sleeve                                 | 风(向)袋     |
| air temperature                            | 气温        |
| air-tight instrument                       | 气密式仪器仪表   |
| air to close                               | 气关        |
| air to open                                | 气开        |
| airborne electromagnetic system;AEM system | 航空电磁系统    |
| airborne flux-gate magnetometer            | 航空磁通门磁力仪  |
| airborne gamma radiometer                  | 航空伽玛辐射仪   |
| airborne gamma spectrometer                | 航空伽玛能谱仪   |
| airborne infrared spectroradiometer        | 机载红外光谱辐射计 |
| airborne optical pumping magnetometer      | 航空光泵磁力仪   |
| airborne proton magnetometer               | 航空甚低频电磁系统 |

| ENGLISH  | CHINESE        |
|--|----------------|
| 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   | $\alpha$ 粒子能谱仪 |
| alternating[exchange]load  | 交变负荷           |
| alternating-current linear variable differential transformer(AC-ACLVDVT) | 交流极谱仪          |
| alternating temperature humidity test chamber                            | 交变湿热试验箱        |
| altimeter  | 高度计            |
| altitude angle   | 高度角            |
| altitude meter   | 测高仪            |
| ambient humidity range   | 环境湿度范围         |
| ambient pressure   | 环境压力           |
| ambient pressure error   | 环境压力误差         |



| ENGLISH   | CHINESE   |
|---|-----------|
| ambient temperature                                       | 环境        |
| ambient temperature range                                 | 环境温度范围    |
| ambient vibration   | 环境振动      |
| ambiguity error   | 模糊误差      |
| ammeter   | 电流表       |
| ammonia(pressure)gauge                                    | 氨压力表      |
| amount of precipitation                                   | 雨量        |
| amount of unbalance                                       | 不平衡量      |
| amount of unbalance indicator                             | 不平衡量指示器   |
| ampere-hour meter   | 安時計       |
| amplitude   | 幅值        |
| amplitude detector module                                 | 振幅检测组件    |
| amplitude error   | 振幅误差      |
| amplitude modulation(AM)                                  | 幅度调制；调幅   |
| amplitude-phase error                                     | 幅相误差      |
| amplitude ratio-phase difference instrument               | 振幅比—相位差仪  |
| amplitude response  | 幅值响应      |
| analog computer   | 模拟计算机     |
| analog control  | 模拟控制      |
| analog data   | 模拟数据      |
| analog deep-level seismograph                             | 模拟深层地震仪   |
| analog input  | 模拟输入      |
| analog magnetic tape record type strong-motion instrument | 模拟磁带记录强震仪 |
| analog model  | 模拟模型      |
| analog output   | 模拟输出      |
| analog seismograph tape recorder                          | 模拟磁带地震记录仪 |
| analog simulation   | 模拟仿真      |
| analog 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      |

| ENGLISH  | CHINESE       |
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| analog telemetering system                     | 模拟遥测系统        |
| analog-to-digital conversion accuracy          | 模-数转换精确度      |
| analog-to-digital conversion rate              | 模-数转换速度       |
| analog transducer[sensor]                      | 模拟传感器         |
| analogue computer                              | 模拟计算单元        |
| analogue data                                  | 模拟数据          |
| analogue measuring instrument                  | 模拟式测量仪器仪表     |
| analogue representation of a physical quantity | 物理量的模拟表示      |
| analogue signal                                | 模拟试验          |
| analogue-digital converter;A/D converter       | 模-数转换器；A/D转换器 |
| analogue-to-digital conversion                 | 模/数转[变]换      |
| analysis of simulation experiment              | 仿真实验分析        |
| analytical balance                             | 分析天平          |
| analytical electron microscope                 | 分析型电子显微镜      |
| analytical gap                                 | 分析间隙          |
| analytical instrument                          | 分析仪器          |
| analytical line                                | 分析线           |
| analytical plotter                             | 解析测图仪         |
| analyzer tube                                  | 分析管           |
| anechoic chamber                               | 消声室；电波暗室      |
| anechoic tank                                  | 消声水池          |
| anemograph                                     | 风速计           |
| anemometer                                     | 风速表           |
| anemometer mast                                | 测风杆           |
| anemometer tower                               | 测风塔           |
| aneroid barograph                              | 空盒气压计         |
| aneroid barometer                              | 空盒气压表；空盒气压计   |
| aneroidograph                                  | 空盒气压计         |
| angle  | 角度            |
| angle beam technique                           | 斜角法           |
| angle beam testing                             | 斜角法           |

| ENGLISH  | CHINESE  |
|--|----------|
| 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 |

| ENGLISH  | CHINESE      |
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| 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           |

| ENGLISH  | CHINESE         |
|--|-----------------|
| 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          |

| ENGLISH                                  | CHINESE                             |
|--|-------------------------------------|
| 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                                |

| ENGLISH                                  | CHINESE      |
|--|--------------|
| 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                    | 自动程序设计       |
| 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       |

| ENGLISH                        | CHINESE  |
|--------------------------------|----------|
| 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

| ENGLISH                      | CHINESE  |
|------------------------------|----------|
| 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       |



| ENGLISH                                       | CHINESE               |
|---|-----------------------|
| 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                  |

| ENGLISH                              | CHINESE    |
|--------------------------------------|------------|
| 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 |
| 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        |

| ENGLISH  | CHINESE         |
|--|-----------------|
| 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<br>(BOD)microbial transducer[sensor] | 微生物BOD 传感器      |
| biochemical oxygen demand meter for<br>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          |

| ENGLISH                                 | CHINESE         |
|---|-----------------|
| 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          |

| ENGLISH                                      | CHINESE       |
|--|---------------|
| 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 |

| ENGLISH                              | CHINESE      |
|--------------------------------------|--------------|
| 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 |

| ENGLISH                                     | CHINESE        |
|---|----------------|
| 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

| ENGLISH     | CHINESE |
|-------------|---------|
| C-scope     | C型显示    |
| cabinet     | 柜       |
| cable noise | 电缆噪声    |

| ENGLISH   | CHINESE      |
|---|--------------|
| 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        |



| ENGLISH                           | CHINESE        |
|-----------------------------------|----------------|
| calibrator                        | 校验器            |
| calibrator above ice-point        | 零上检定器          |
| calibrator below ice-point        | 零下检定器          |
| calibrator for ice-point          | 零点检定器          |
| caliper profiler                  | 横幅厚度计          |
| calling                           | 呼叫             |
| calomel electrode                 | 甘汞电极           |
| calorifier                        | 加热器            |
| calorimeter                       | 热量计            |
| cam bezel ring                    | 卡口式盖环          |
| CAMAC branch driver               | CAMAC 分支驱动器    |
| CAMAC branch-highway              | CAMAC 分支信息公路   |
| CAMAC compatible crate            | CAMAC兼容机箱      |
| CAMAC crate                       | CAMAC 机箱       |
| CAMAC crate assembly              | CAMAC 机箱装置     |
| CAMAC highway                     | CAMAC 信息公路     |
| CAMAC module                      | CAMAC 模块       |
| CAMAC operation                   | CAMAC 操作       |
| CAMAC parallel highway            | CAMAC 并行信息公路   |
| CAMAC serial driver               | CAMAC 串行驱动器    |
| CAMAC serial highway              | CAMAC 串行信息公路   |
| CAMAC system                      | CAMAC 系统       |
| camera length                     | 相机长度           |
| camflex valve                     | 偏心旋转阀          |
| Campbell-stokes sunshine recorder | 聚集日照计；歇贝斯托克日照计 |
| canonical state variable          | 规范化状态变量        |
| capacitance balance               | 电容平衡           |
| capacitance hygrometer            | 电容湿度计          |
| capacitance pressure transducer   | 电容式压力传感器       |
| capacity correction               | 容量修正           |
| capacity factor                   | 容量因子           |

| ENGLISH   | CHINESE                |
|---|------------------------|
| 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                   |

| ENGLISH                              | CHINESE     |
|--------------------------------------|-------------|
| catalytic analyzer                   | 催化分析器       |
| catalytic chromatography             | 催化色谱法       |
| catalytic gas transducer[sensor]     | 催化式气体传感器    |
| cathode                              | 阴极          |
| cathode of electron gun              | 电子枪阴极       |
| cathode ray null indicator           | 阴极射线指零仪     |
| cavitation                           | 空化          |
| cavitation corrosion                 | 气蚀          |
| cavitation noise                     | 空化噪声        |
| ceilometer                           | 云幕仪         |
| cell                                 | 电池；传感器      |
| cell constant                        | 电池常数        |
| cell potential transducer[sensor]    | 细胞电位传感器     |
| Celsius                              | 摄氏度         |
| Celsius temperature                  | 摄氏温度        |
| Celsius temperature scale            | 摄氏温标        |
| center of strike                     | 打击中心        |
| central conductor method             | 中心导体法；电流贯通法 |
| central principal inertia axis       | 中心主惯性轴      |
| central processing unit(CPU)         | 中央处理单元      |
| central processor                    | 中央处理器       |
| centrality                           | 集中性         |
| centralized control                  | 集中控制        |
| centralized intelligence             | 集中智能        |
| centralized management system        | 集中管理系统      |
| centralized network                  | 集中式网络       |
| centralized process control computer | 集中型过程控制计算机  |
| centrifugal balancing machine        | 离心力式平衡机     |
| centrifugal tachometer               | 离心式转速表      |
| ceramic microphone                   | 陶瓷传声器       |
| ceraunograph                         | 雷电计         |

| ENGLISH   | CHINESE              |
|---|----------------------|
| 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               |

| ENGLISH                             | CHINESE                 |
|-------------------------------------|-------------------------|
| closed-loop zero                    | 闭环零点                    |
| closed position                     | 关闭位置                    |
| closed system                       | 封闭系统                    |
| closing valve time                  | 关阀时间                    |
| closure member                      | 截流件                     |
| cloud amount                        | 云量                      |
| cloud balancer                      | 测支平衡器                   |
| cloud base                          | 云底                      |
| cloud chamber                       | 云室; 云零室                 |
| cloud detection radar               | 测云雷达                    |
| cloud direction                     | 云向                      |
| cloud height indicator              | 云高指示器                   |
| cloud height meter                  | 云幕仪                     |
| cloud searchlight                   | 云幕灯                     |
| cloud speed                         | 云速                      |
| cloud top                           | 云顶                      |
| cloud-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                  |

| ENGLISH                                  | CHINESE  |
|--|----------|
| 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                        | 线圈式振动物子  |
| 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

| ENGLISH                     | CHINESE   |
|-----------------------------|-----------|
| D and D/2 pressure tappings | D和D/2 取压口 |
| D-port                      | D型端口      |

| ENGLISH                                  | CHINESE       |
|--|---------------|
| 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        |

| ENGLISH                                 | CHINESE       |
|---|---------------|
| 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      |



| ENGLISH                          | CHINESE    |
|----------------------------------|------------|
| 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      |

| ENGLISH                              | CHINESE    |
|--------------------------------------|------------|
| 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       |

| ENGLISH                                  | CHINESE    |
|--|------------|
| 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     |

| ENGLISH  | CHINESE           |
|--|-------------------|
| 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 hygograph  | 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         |

| ENGLISH   | CHINESE   |
|---|-----------|
| 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

| ENGLISH                                   | CHINESE  |
|---|----------|
| 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       |

| ENGLISH  | CHINESE        |
|--|----------------|
| eddy-current displacement vibration amplitude measuring instrument | 电涡流式位移振幅测量仪    |
| eddy-current displacement vibration amplitude transducer           | 电涡流式位移振幅传感器    |
| eddy-current inspection instrument                                 | 涡流探伤仪          |
| eddy-current testing method  | 涡流探伤法          |
| eddy-current thickness meter                                       | 电涡流厚流计         |
| eddy-current type transducer                                       | 涡流式传感器         |
| eddy diffusion   | 涡流扩散           |
| eddy velocity  | 涡动速度           |
| edge effect  | 边缘效应           |
| EDM instrument   | 电磁波测距仪         |
| effective aperture   | 有效孔径           |
| effective area   | 有效面积           |
| effective data transfer rate                                       | 有效数据传送率        |
| effective diaphragm area   | 膜片有效面积         |
| effective emissivity   | 有效发射率          |
| effective 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           |

| ENGLISH  | CHINESE     |
|--|-------------|
| 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         |



| ENGLISH  | CHINESE           |
|--|-------------------|
| 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）          |

| ENGLISH   | CHINESE    |
|---|------------|
| 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                  | 电磁阻尼振动物子   |
| electromagnet fluid damping galvanometer            | 电磁液体阻尼振动物子 |
| 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        |

| ENGLISH  | CHINESE       |
|--|---------------|
| electromotive force(EMF)                                       | 电 (动) 势       |
| electromyographic transducer[sensor]                           | 肌电图 (EMG) 传感器 |
| electron beam exposure apparatus                               | 电子束曝光机        |
| electron beam processing machine                               | 电子束加工机        |
| electron capture detector(ECD)                                 | 电子捕获检测器       |
| electron 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

| ENGLISH                             | CHINESE        |
|-------------------------------------|----------------|
| 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           |

| ENGLISH                    | CHINESE     |
|----------------------------|-------------|
| fatigue life               | 疲劳寿命        |
| fatigue limit              | 疲劳极限        |
| fatigue strain gauge       | 疲劳应变计       |
| fatigue testing machine    | 疲劳试验机       |
| fault                      | 故障          |
| feasibility                | 可行性         |
| feasibility study          | 可行性研究       |
| feasible coordination      | 可行协调        |
| feasible region            | 可行域         |
| feature detection          | 特征检测        |
| feedback                   | 反馈          |
| feedback compensation      | 反馈补偿        |
| feedback control           | 反馈控制        |
| feedback controller        | 反馈控制器       |
| feedback elements          | 反馈元件        |
| feedback gain              | 反馈增益        |
| feedback loop              | 反馈回路        |
| feedback path              | 反馈通路        |
| feedback signal            | 反馈信号        |
| feedforward                | 前馈          |
| feedforward compensation   | 前馈补偿        |
| feedforward control        | 前馈控制下       |
| feedforward path           | 前馈通路        |
| feedover                   | 馈越          |
| ferrodynamic galvanometer  | 铁磁电动系振动物子   |
| ferrodynamic instrument    | 铁磁电动系仪表     |
| ferrograph                 | 铁磁示波器       |
| FET gas transducer[sensor] | 场效应（管）湿度传感器 |
| fiber communication        | 光纤通信        |
| fiducial error             | 引用误差        |
| fiducial value             | 引用值；基值      |

| ENGLISH                           | CHINESE  |
|-----------------------------------|----------|
| 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 |

| ENGLISH                                     | CHINESE             |
|---|---------------------|
| 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            |

| ENGLISH                                | CHINESE      |
|--|--------------|
| 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]   |



| ENGLISH  | CHINESE  |
|--|----------|
| flow control                                     | 流量控制     |
| flow corrector                                   | 流量修正器    |
| flow diagram                                     | 流程图      |
| flow elbow                                       | 流量弯管     |
| flow measurement calibration device              | 流量测量校准装置 |
| flow measuring device                            | 流量测量装置   |
| flow nozzle                                      | 流量喷嘴     |
| flow profile                                     | 流动剖面     |
| flow rate of mobile phase                        | 流动相流速    |
| flow signal                                      | 流量信号     |
| flow stabilizer                                  | 流量稳定器    |
| flow switch                                      | 流量开关     |
| flow to close                                    | 流关       |
| flow to open                                     | 流开       |
| flow transducer[sensor]                          | 流量传感器    |
| flowmeter  | 流量计      |
| flow-rate  | 流量       |
| flow- rate range                                 | 流量范围     |
| fluctuation                                      | 波动（度）    |
| fluid damping galvanometer                       | 液体阻尼振动子  |
| fluidic flowmeter                                | 射流流量计    |
| fluorescence                                     | 荧光修正     |
| fluorescence detector                            | 荧光检测器    |
| fluorescence effect                              | 荧光效应     |
| fluorescent image                                | 荧光象      |
| fluorescent magnetic particle                    | 荧光磁粉     |
| fluorescent magnetic particle inspection machine | 荧光磁粉探伤机  |
| fluorescent penetrant testing method             | 荧光渗透探伤法  |
| fluorine plastic                                 | 氟塑料      |
| fluorine rubber(Viton)                           | 氟橡胶      |
| fluorometer                                      | 荧光计      |

| ENGLISH                               | CHINESE       |
|---------------------------------------|---------------|
| 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     |

| ENGLISH  | CHINESE                       |
|--|-------------------------------|
| 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

| ENGLISH   | CHINESE    |
|---|------------|
| 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  |

| ENGLISH  | CHINESE      |
|--|--------------|
| 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(GC/MS)         | 气相色谱—质谱联用仪接口 |
| gas chromatography                                 | 气相色谱法        |
| gas chromatography-mass(GC-MS)                     | 气相色谱—质谱法     |
| gas cylinder regulator                             | 气瓶减压器        |
| gas densitometer                                   | 气体密度计        |
| gas-discharge source                               | 气体放电源        |
| gas-enclosed pressure gauge                        | 气密引压式验潮仪     |
| 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     |

| ENGLISH                                | CHINESE   |
|--|-----------|
| 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       |
| Gershun 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      |

| ENGLISH  | CHINESE    |
|--|------------|
| 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        |

| ENGLISH   | CHINESE   |
|---|-----------|
| 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      |
| group of an instrument for explosive atmosphere | 防爆仪表类别    |
| guarded input                                   | 保护输入      |
| guidance system                                 | 导向系统      |
| gyro balancing machine                          | 陀螺测斜仪     |
| gyro-theodolite                                 | 陀螺经纬仪     |

## 电子类专业英语词汇 H

| ENGLISH                                | CHINESE         |
|--|-----------------|
| habitat                                | 水下居住室[舱]        |
| hair hygograph                         | 毛发湿度计           |
| hair hygrometer                        | 毛发湿度表           |
| half bridge measurement                | 半桥测量            |
| half-cell                              | 半电池             |
| half duplex transmission               | 半双工传输           |
| half-power point                       | 半功率点            |
| half-wave potential                    | 半波电位            |
| Hall effect                            | 霍尔效应            |
| Hall effect displacement transducer    | 霍尔效应磁强计；霍尔效应磁力仪 |
| Hall effect tachometric transducer     | 霍尔效应式转速传感器      |
| Hall element                           | 霍尔传感器           |
| Hall type 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              |



| ENGLISH                                     | CHINESE      |
|---|--------------|
| 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      |

| ENGLISH  | CHINESE     |
|--|-------------|
| heating curves   | 加热曲线        |
| heating curve determination                            | 升温曲线测定      |
| heating curve determination apparatus                  | 升温曲线测定仪     |
| heating element  | 加热器; 加热元件   |
| heating quantity of bomb cylinder                      | 弹筒发热量       |
| heating quantity of constant capacity on high position | 恒容高位发热量     |
| heating rate   | 升温速率        |
| heating rate curves                                    | 加热速率曲线      |
| heavy and streamlined fish                             | 重型流线型拖曳体    |
| height equivalent to a theoretical plate               | 理论板高        |
| height of tide   | 潮高          |
| helical bellows  | 螺旋波纹管       |
| heliograph   | 日照计; 日光计    |
| helium mass spectrometer leak detector                 | 氦质谱检漏仪      |
| helium survey  | 氦气测量        |
| Helmholtz coils  | 亥姆霍兹线圈      |
| Helmholtz resonator                                    | 亥姆霍兹共鸣器     |
| hermetically sealed enclosure(Ex h)                    | 气密外壳 (Ex h) |
| heterodyne analyzer                                    | 外差式分析仪      |
| heteronuclear lock signal                              | 异核锁信号       |
| hierarchical chart                                     | 层次结构图       |
| hierarchical control                                   | 递阶控制        |
| hierarchical intelligence                              | 分级智能        |
| hierarchical parameter estimation                      | 递阶参数估计      |
| hierarchical planning                                  | 递阶规划        |
| hierarchical structure                                 | 递阶结构        |
| hierarchical system                                    | 分级系统; 递阶系统  |
| high dispersion diffraction image                      | 高分散衍射象      |
| high dynamic strain indicator                          | 超动态应变仪      |
| high e.m.f.potentiometer                               | 高电热电位差计     |
| high electron energy diffractometer(HEED)              | 高能电子衍射仪     |

| ENGLISH                                       | CHINESE       |
|---|---------------|
| 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         |

| ENGLISH  | CHINESE         |
|--|-----------------|
| 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            |

| ENGLISH                                      | CHINESE      |
|--|--------------|
| 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          |

| ENGLISH                     | CHINESE |
|-----------------------------|---------|
| 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 I

| ENGLISH   | CHINESE                               |
|---|---------------------------------------|
| I/O channel   | 输入输出通道; I/O通道                         |
| ice point   | 冰点 ideal gas temperature scale,理想气体温标 |
| ideal inherent equal percentage flow characteristic | 理想固有等百分比注量特性                          |
| identifiability                                     | 可辨识性; 能辨识性                            |
| ignition wire                                       | 点火线                                   |
| illuminance transducer[sensor]                      | 照度传感器                                 |
| illuminating aperture angle                         | 照明孔径角                                 |
| illuminating brightness                             | 照明亮度                                  |
| illuminating system                                 | 照明系统                                  |
| illumination  | 照度                                    |
| image electro-magnetic shift                        | 象电位移                                  |
| image plane   | 象面                                    |
| image point   | 象点                                    |

| ENGLISH  | CHINESE      |
|--|--------------|
| image recognition                                  | 图象识别         |
| image rotation                                     | 象旋转          |
| image transducer[sensor]                           | 图象传感器        |
| imaging system                                     | 成象系统         |
| immersion depth                                    | 浸入深度         |
| immersion error                                    | 浸入误差         |
| immersion line(of liquid-in-glass thermometer)     | (玻璃温度计的) 浸没线 |
| immersion testing                                  | 液浸法          |
| immersion type probe                               | 水浸探头         |
| impact energy                                      | 冲击能量         |
| impact hammer                                      | 冲击锤体         |
| impact pendulum                                    | 冲击摆锤         |
| impact specimen support                            | 冲击试校支架       |
| impact test  | 冲击试验         |
| impact testing machine                             | 冲击试验机        |
| impact toughness                                   | 冲击韧性         |
| impact velocity of the pendulum                    | 摆锤的冲击速度      |
| impedance analysis                                 | 阻抗分析         |
| impedance blood volume transducer[sensor]          | 阻抗式血容量传感器    |
| impedance head                                     | 阻抗头          |
| impedance plane diagram                            | 阻抗平面图        |
| impedance respiratory frequency transducer[sensor] | 阻抗式呼吸频率传感器   |
| impeller   | 旋浆           |
| impregnated base strain gauge                      | 浸胶基应变计       |
| impulse distance meter                             | 脉冲式测距仪       |
| impulse function                                   | 冲激函数; 脉冲函数   |
| impulse precision sound level meter                | 脉冲精密声级计      |
| impulse response                                   | 冲激响应; 脉冲响应   |
| impulsive sound                                    | 脉冲声          |
| in-situ colour meter                               | 现场水色计        |

| ENGLISH                                     | CHINESE        |
|---|----------------|
| in-situ extraction sampler                  | 现场萃取采水器        |
| im-situ salinometer                         | 现场盐度计          |
| in-situ seawater oxygenometer               | 海水溶解氧现场测定仪     |
| inaccuracy                                  | 不精确度           |
| inboard rotor                               | 内重心转子          |
| incline impact test                         | 斜而冲击试验         |
| inclined-tube manometer                     | 倾斜压力计          |
| inclinometer                                | 井斜仪            |
| increase of area                            | 断面增大率          |
| increased safety electrical apparatus(Ex e) | 增安型电气设备 (Ex e) |
| incremental control                         | 增量控制           |
| incremental motion control system           | 增量运动控制系统       |
| incremental range                           | 微调 (增量) 范围     |
| incremental testing                         | 增量测试           |
| independent conformity                      | 独立一致性          |
| independent linearity                       | 独立线性度          |
| index                                       | 指示器; 指数; 索引    |
| index level                                 | 竖直度盘指标水准器      |
| index(of an indicating device)              | (指示机构的) 指示器    |
| index of asymmetry                          | 非对称性指数         |
| index register                              | 变址寄存器          |
| indicated electrode                         | 指示电极           |
| indicated strain                            | 指示应变           |
| indicated value                             | 指示值            |
| indicating device                           | 指示装置; 指示机构     |
| indicating instrument                       | 指示仪器仪表         |
| indicating(measuring)instrument             | (测量仪器仪表) 的示值   |
| indication point                            | 指示点            |
| indication range                            | 示值范围           |
| indicative mark                             | 指示标志           |
| indicator                                   | 指示仪            |



| ENGLISH                                     | CHINESE    |
|---|------------|
| indirect acting instrument                  | 间接作用仪表     |
| indirect ancting instrument                 | 间接作用仪表     |
| indirect acting recording instrument        | 间接作用记录仪    |
| indirect(method of )measurement             | 间接测量 (法)   |
| indirect resistance heating                 | 间接电阻加热     |
| indirectly controlled variable              | 间接被控变量     |
| indirectly heated type thermistor           | 旁热式热敏感电阻器  |
| individual line                             | 专线         |
| individual nominal characteristic           | 单个名义特性     |
| induced current image                       | 感生电流象      |
| induced curent method                       | 感应电流法      |
| induced polarization logger                 | 井中激发极化仪    |
| induced pulse transient system              | 感应脉冲瞬变系统   |
| inductance bow                              | 电感箱        |
| inductance pressure transducer              | 电感式压力传感器   |
| inductance transducer                       | 感应式传感器     |
| induction instrument                        | 感应系仪表      |
| induction logger                            | 感应测井仪      |
| induction meter                             | 感应系电度表     |
| induction salinometer                       | 感应式盐度计     |
| induction voltage divider                   | 感应分压器      |
| inductive displacement measuring instrument | 电感式位移测量仪   |
| inductive displacement transducer           | 电感式位移传感器   |
| inductive force transducer                  | 电感式力传感器    |
| inductive micrometer                        | 电感测微计      |
| inductive modeling method                   | 归纳建模法      |
| inductive tensionmeter                      | 电感式张力计     |
| inductive transducer[sensor]                | 电感式传感器     |
| inductosyn displacment transducer           | 感应同步式位移传感器 |
| industrial automation                       | 工业自动化      |

| ENGLISH   | CHINESE     |
|---|-------------|
| industrial control                              | 工业控制        |
| industrial control system                       | 工业控制系统      |
| industrial data processing                      | 工业数据处理      |
| industrial process                              | 工业过程        |
| industrial robot                                | 工业机器人       |
| (industrial)total radiation pyrometer           | 辐射感温器       |
| inelastic background                            | 非弹性本底       |
| inelastic scatter                               | 非弹性散射过程     |
| inert metal indicated electrode                 | 惰性金属指示电极    |
| inertia type pickup                             | 惯性传感器       |
| inertial motion                                 | 隋走量         |
| inference model                                 | 推理模型        |
| inference strategy                              | 推理策略        |
| inferential flowmeter                           | 推导式流量计      |
| influence characteristic                        | 影响特性        |
| influence coefficient method                    | 影响系数法       |
| influence coefficient(of an influence quantity) | (影响量的) 影响系数 |
| influence error                                 | 影响误差        |
| influence of magnetic field                     | 磁场影响        |
| influence of ship-body                          | 船体影响        |
| influence of static pressure                    | 静压影响        |
| influence of vibration                          | 振动影响        |
| influence quantity                              | 影响量         |
| information acquisition                         | 信息采集        |
| information parameter of an electrical signal   | 电信号的信息参数    |
| information pattern                             | 信息模式        |
| information structure                           | 信息结构        |
| information system for process control          | 过程控制信息系统    |
| infrared camera                                 | 红外照相机       |
| infrared distance meter                         | 红外测距仪       |

| ENGLISH                                | CHINESE        |
|--|----------------|
| infrared gas analyzer                  | 红外线气体分析器       |
| infrared hygrometer                    | 红外湿度表          |
| infrared light transducer[sensor]      | 红外光传感器         |
| infrared radiation                     | 红外辐射; 红外线; 热辐射 |
| infrared radiation detection apparatus | 红外检测仪          |
| infrared radiation thermometer         | 红外辐射温度计        |
| infrared radiometer                    | 红外辐射计          |
| infrared radiometry                    | 红外线探伤法         |
| infrared remote sensing                | 红外遥感           |
| infrared spectrometry                  | 红外光谱法          |
| infrared spectrophotometer             | 红外分光光度计        |
| inherent diaphragm pressure range      | 固有膜片压力范围       |
| inherent feedback                      | 固有反馈           |
| inherent filtration                    | 固有滤过当量         |
| inherent flow characteristic           | 固有流量特性         |
| inherent instability                   | 固有不稳定性         |
| inherent weakness failure              | 固有弱质失效         |
| inhibit                                | 禁止             |
| initial condition                      | 初始条件           |
| initial deviation                      | 初始偏差           |
| initial load                           | 初负荷            |
| initial phase angle                    | 初相角            |
| initial program loader(IPL)            | 初始程序的装入程序      |
| initial pulse                          | 始脉冲            |
| initial state                          | 初 (始状) 态       |
| initial temperature                    | 超始温度           |
| initial unbalance                      | 初始不平衡量         |
| initialization                         | 初始化            |
| initialize                             | 初始化            |
| initiator                              | 启动站            |
| injection cross-section[station]       | 注入横截面[部位]      |

| ENGLISH                                     | CHINESE       |
|---|---------------|
| ink jet printer                             | 喷墨印刷机         |
| inlet filter                                | (减压器的) 过滤器    |
| inlet system                                | 进样系统          |
| inner padcase                               | 内包装           |
| in-phase voltage                            | 同相电压          |
| input and output with isolated common point | 带有隔离公共点的输入和输出 |
| input device                                | 输入设备          |
| input impedance                             | 输入阻抗          |
| input impedance of the magnetizing winding  | 激磁绕组输入阻抗      |
| input impedance of the measuring winding    | 测量绕组输入阻抗      |
| input matrix                                | 输入矩阵          |
| input/output operation                      | 输入/输出操作       |
| input/output port                           | 输入/输出端口       |
| input-output analysis                       | 投入产出分析        |
| input-output channel                        | 输入输出通道        |
| input-output device                         | 输入输出设备        |
| input-output model                          | 投入产出稳定性       |
| input-output table                          | 投入产出表         |
| input-output unit                           | 输入输出设备        |
| input prediction method                     | 输入预估法         |
| input quantity to frequency conversion type | 输入量-频率转换型     |
| input signal                                | 输入信号          |
| input terminal                              | 输入端           |
| input unit                                  | 输入设备          |
| input variable                              | 输入变量          |
| input vector                                | 输入向量; 输入矢量    |
| input with isolated common point            | 公共端隔离输入       |
| inrush current                              | 浪涌电流          |
| insert length                               | 插入长度          |
| inside coil                                 | 内插线圈          |

## 电子类专业英语词汇 J

| ENGLISH                           | CHINESE     |
|-----------------------------------|-------------|
| 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

| ENGLISH                    | CHINESE   |
|----------------------------|-----------|
| 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      |

| ENGLISH                             | CHINESE   |
|-------------------------------------|-----------|
| 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

| ENGLISH                     | CHINESE  |
|-----------------------------|----------|
| 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     |

| ENGLISH                                     | CHINESE   |
|---|-----------|
| 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   |

| ENGLISH                           | CHINESE                       |
|-----------------------------------|-------------------------------|
| 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             |



| ENGLISH                          | CHINESE                     |
|----------------------------------|-----------------------------|
| lengthy bellows                  | 长波纹管                        |
| lens micrometer                  | 透镜测微器                       |
| level                            | 水准仪; 水准器; 水准泡; 级;<br>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                      |

| ENGLISH                                | CHINESE            |
|--|--------------------|
| 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 coefficient          | 线性吸收系数             |
| linear acceleration                    | 线加速度               |
| linear acceleration transducer[sensor] | 线加速度传感器            |
| linear array                           | 线阵                 |
| linear control system                  | 线性控制系统             |
| linear control system theory           | 线性控制系统理论           |
| linear conversion                      | 线性转换               |

| ENGLISH                              | CHINESE     |
|--------------------------------------|-------------|
| 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      |

| ENGLISH  | CHINESE      |
|--|--------------|
| 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;<br>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      |

| ENGLISH                                      | CHINESE   |
|--|-----------|
| list   | 表         |
| list processing                              | 表处理       |
| listener                                     | 收听站       |
| lithium chloride humidity-dependent resistor | 氯化锂湿敏电阻器  |
| live time                                    | 活时间       |
| load   | 负荷        |
| load amplitude                               | 负荷幅       |
| load cell                                    | 称重[负载]传感器 |
| load regulation                              | 负载调整率     |
| loading error                                | 负载误差      |
| loading system                               | 加荷系统      |
| local area network(LAN)                      | 局域网       |
| local asymptotic stability                   | 局部渐近稳定性   |
| local automation                             | 局部自动化     |
| local controller                             | 局部控制者     |

## 电子类专业英语词汇 M

| ENGLISH                          | CHINESE  |
|----------------------------------|----------|
| 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       |

| ENGLISH                                    | CHINESE  |
|--|----------|
| 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    |

| ENGLISH   | CHINESE      |
|---|--------------|
| 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         |
| magnetolectric balance                                      | 电磁天平         |
| magneto sensor  | 磁敏元件         |
| magnetoelastic effect                                       | 压磁效应         |
| magnetoelastic force transducer                             | 磁弹性式力传感器     |
| magnetoelastic rolling force measuring instrument           | 磁弹性式轧制力测量仪   |
| magnetoelastic tensiometer                                  | 磁弹性式张力计      |
| magnetoelastic torque measuring instrument                  | 磁弹性式转矩测量仪    |
| magnetoelastic torque transducer                            | 磁弹性式转矩传感器    |
| magnetoelastic weighing cell                                | 磁弹性式称重传感器    |
| magnetolectric phase difference torque measuring instrument | 磁电相位 差式转矩测量仪 |

| ENGLISH   | CHINESE  |
|---|--|
| magnetolectric phase difference torque transducer | 磁电相位差转矩传感器   |
| magnetolectric tachometer                         | 磁电式转速表   |
| magnetolectric tacho-metric transducer            | 磁电式转速传感器   |
| magnetolectric velocity measuring instrument      | 磁电工速度测量仪 magnetolectric velocity transducer,磁电式速度传感器 |
| magnetometer                                      | 磁强计; 磁力仪   |
| magneto-optical effect magnetometer               | 磁阻磁强计  |
| magnetoresistive magnetometer                     | 磁致伸缩磁力仪  |
| magnetostriction testing meter                    | 磁致伸缩测试仪  |
| magnetostrictive transducer                       | 磁致伸缩振动器  |
| 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  |



| ENGLISH                                | CHINESE           |
|--|-------------------|
| 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                | 海洋地震电缆；拖缆；漂浮电缆    |

| ENGLISH  | CHINESE    |
|--|------------|
| 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     |

| ENGLISH                                     | CHINESE      |
|---|--------------|
| 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         |

| ENGLISH                                 | CHINESE   |
|---|-----------|
| 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

| ENGLISH                                   | CHINESE    |
|---|------------|
| n-exponent                                | n-指数       |
| N.T.C.thermistor                          | 负温度系数热敏电阻器 |
| Nansen bottle                             | 南森采水器      |
| Nansen opening-and-closing net            | 南森开团式网     |
| narrow-band filter                        | 窄带滤波器      |
| narrow-band random vibration              | 窄带随机振动     |
| narrow-band spectrum                      | 窄波段        |
| national satellite                        | 国土卫星       |
| national standard                         | 国家标准       |
| natural convection                        | 自然对流       |
| natural electric-field method instrument  | 自然电场法仪器    |
| natural environment                       | 自然环境       |
| natural field electro-detector            | 天然场电测仪     |
| natural frequency                         | 固有频率       |
| natural frequency measurement             | 固有频率的测量    |
| natural frequency of rotor/bearing system | 转子支承系统固有频率 |
| natural gamma spectrometer of logger      | 自然伽玛能谱测井仪  |
| natural inherent frequency                | 自然固有频率     |

| ENGLISH                                     | CHINESE         |
|---|-----------------|
| 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             |

| ENGLISH   | CHINESE        |
|---|----------------|
| 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 fraiography                                   | 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          |

| ENGLISH   | CHINESE               |
|---|-----------------------|
| 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               |

| ENGLISH  | CHINESE     |
|--|-------------|
| 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       |



| ENGLISH                              | CHINESE  |
|--------------------------------------|----------|
| 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    |

| ENGLISH   | CHINESE             |
|---|---------------------|
| 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

| ENGLISH  | CHINESE    |
|--|------------|
| 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 data 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     |

| ENGLISH   | CHINESE     |
|---|-------------|
| 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        |

| ENGLISH                           | CHINESE   |
|-----------------------------------|-----------|
| 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       |

| ENGLISH                                   | CHINESE                  |
|---|--------------------------|
| 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                    |

| ENGLISH  | CHINESE    |
|--|------------|
| 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        |

| ENGLISH                          | CHINESE      |
|----------------------------------|--------------|
| 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           |



| ENGLISH                         | CHINESE     |
|---------------------------------|-------------|
| 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

| ENGLISH | CHINESE |
|---------|---------|
| P-net   | P-net总线 |

| ENGLISH   | CHINESE        |
|---|----------------|
| 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          |

| ENGLISH                              | CHINESE           |
|--------------------------------------|-------------------|
| 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                 | 并程序序设计            |
| parallel transmission                | 并行传输              |
| paramagnetic oxygen analyzer         | 顺磁式氧分析器           |
| parameter                            | 参数                |
| parametric input                     | 参量输入              |
| parasitic echo                       | 干扰反射波             |
| parasitic voltage of voltage divider | 分压箱寄生电压           |
| parasol radiometer                   | 伞式辐射计             |
| parent-molecule ion                  | 母分子离子             |
| parity check                         | 奇偶校验              |
| partial failure                      | 部分失效              |
| partial immersion                    | thermometer,局浸温度计 |
| partial pressure gauge (PPG), 分压强计   |                   |
| partial radiation thermometer        | 部分辐射温度计           |
| partition chromatography             | 分配色谱法             |
| partition coefficient                | 分配系数              |
| partition isotherm                   | 分配等温线             |
| part-turn electric actuator          | 角行程电动执行机构         |
| Pascal                               | 帕（斯卡）             |
| pass-line deflection                 | 跑偏                |
| passing unregistered gas (PUG)       | 漏记气体              |

| ENGLISH                            | CHINESE |
|------------------------------------|---------|
| 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   |

| ENGLISH                               | CHINESE    |
|---------------------------------------|------------|
| 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       |

| ENGLISH   | CHINESE            |
|---|--------------------|
| 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          |

| ENGLISH                          | CHINESE   |
|----------------------------------|-----------|
| 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     |

| ENGLISH                                     | CHINESE     |
|---|-------------|
| 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        |



| ENGLISH                                    | CHINESE |
|--|---------|
| 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

| ENGLISH   | CHINESE    |
|---|------------|
| 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       |

| ENGLISH   | CHINESE     |
|---|-------------|
| 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    |

| ENGLISH        | CHINESE   |
|----------------|-----------|
| quintet        | 五重布置；五重检测 |
| quotient-meter | 商值表       |

## 电子类专业英语词汇 R

| ENGLISH                             | CHINESE   |
|-------------------------------------|-----------|
| rack                                | 框架        |
| radar altimeter                     | 雷达高度计     |
| radial clearance                    | 径向间隙      |
| radial distortion                   | 径向畸变      |
| radial electrostatic field analyzer | 径向静电场分析器  |
| radial heat shield                  | 隔热屏       |
| radiance                            | 幅射亮度；辐射率  |
| radiance temperature                | 亮度温度      |
| radiance thermometry                | 亮度测温法     |
| radiant element                     | 辐射元件      |
| radiant energy                      | 辐射能（量）    |
| radiant flux                        | 辐射通量      |
| radiant intensity                   | 辐射强度      |
| radiant power                       | 辐射功率      |
| radiation                           | 辐射        |
| radiation balance meter             | 辐射平衡表     |
| radiation detecting device          | 辐射检测器     |
| radiation dose transducer [sensor]  | 射线剂量传感器   |
| radiation energy                    | 辐射能量      |
| radiation 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     |

| ENGLISH                                   | CHINESE   |
|---|-----------|
| 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      |

| ENGLISH  | CHINESE                  |
|--|--------------------------|
| 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               |

| ENGLISH   | CHINESE       |
|---|---------------|
| 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          |

| ENGLISH   | CHINESE       |
|---|---------------|
| 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[乏時計]    |
| 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    |

| ENGLISH  | CHINESE   |
|--|-----------|
| 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        |



| ENGLISH                                    | CHINESE    |
|--|------------|
| 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

| ENGLISH  | CHINESE      |
|--|--------------|
| 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        |

| ENGLISH                              | CHINESE    |
|--------------------------------------|------------|
| sampling cross-section [station]     | 取样横截面[部位]  |
| sampling element                     | 采样元件       |
| sampling error                       | 采样误差       |
| sampling frequency                   | 采样频率       |
| sampling holder                      | 采样保持器      |
| sampling interval                    | 采样间隔       |
| sampling period                      | 采样周期       |
| sampling pulse                       | 采样脉冲       |
| sampling radiometer                  | 取样辐射仪      |
| sampling rate                        | 采样（速）率     |
| sampling system                      | 采样系统       |
| sampling test                        | 抽样试验       |
| sampling time                        | 采样时间；取样时间  |
| sampling value                       | 采样值        |
| sand dust test chamber               | 沙尘试验箱      |
| sand pattern method                  | 砂形法        |
| sanitary valve                       | 卫生阀        |
| satellite gravimetry                 | 卫星重力测量     |
| satellite infrared spectroradiometer | 星载红外光谱辐射计  |
| satellites                           | 卫星峰        |
| saturated calomel electrode          | 饱和甘汞电极     |
| saturated standard cell              | 饱和式标准电池    |
| saturation characteristics           | 饱和特性       |
| saturation deficit                   | 饱和差        |
| saturation vapour pressure           | 饱和水汽压      |
| saunders valve                       | 隔膜阀        |
| scale                                | 标度尺；标度板    |
| scale division                       | 标度分格；分格[度] |
| scale interval                       | 分格[度]值     |
| scale length                         | 标度长度；标度尺长度 |
| scale mark                           | 标度标记       |

| ENGLISH  | CHINESE      |
|--|--------------|
| 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        |

| ENGLISH                                   | CHINESE     |
|---|-------------|
| sealed case                               | 密封外壳        |
| sealed standard resistor                  | 密封式标准电阻器    |
| sealed triple point cell                  | 密封三相点容器     |
| search coil                               | 测量线圈        |
| search technique                          | 搜索技术        |
| seat leakage                              | 阀座泄漏        |
| seat load                                 | 阀座负载        |
| seat ring                                 | 阀座          |
| seawater mercurimeter                     | 海水测汞仪       |
| second specimen chamber                   | 第二样品室       |
| secondary circuit                         | 二次电路        |
| secondary coil                            | 二次线圈        |
| secondary current                         | 二次电流        |
| secondary device                          | 二次装置        |
| secondary electron detector               | 二次电子探测器     |
| secondary ion                             | 二次离子        |
| secondary ion background                  | 二次离子本底      |
| secondary ion mass spectrometer (SIMS)    | 二次离子质谱计     |
| secondary ion mass spectrometry (SIMS)    | 二次离子质谱法     |
| secondary ion spectrometer                | 二次离子谱仪      |
| secondary ion spectroscopy                | 二次离子谱法      |
| secondary limiting e.m.f.二次极限电动势          |             |
| secondary limiting thermal current        | 二次极限热电流     |
| secondary radar                           | 二次雷达        |
| secondary reference point                 | 第二类参考点      |
| secondary standard                        | 副基准（器）      |
| secondary standard seawater               | 幅标准海水       |
| secondary voltage                         | 二次电压        |
| secondary winding                         | 二次绕组        |
| sector magnetic analyzer                  | 扇形磁分析器      |
| sediment dynamics data acquisition system | 沉积动力学数据测量系统 |

| ENGLISH                                      | CHINESE    |
|--|------------|
| sedimentation balance                        | 沉降天平       |
| Seebeck coefficient                          | 塞贝克系数      |
| Seebeck effect                               | 塞贝克效应      |
| Seebeck(thermal) electromotive force         | 塞贝克 (热) 电势 |
| segment                                      | 扇形齿轮       |
| segmental orifice plate                      | 圆缺孔板       |
| seismic analog computer                      | 地震模拟计算机    |
| seismic data acquisition system (SDAS)       | 数字地震仪      |
| seismic data recording system (SDRS)         | 数字地震仪      |
| seismic digital computer                     | 地震数字计算机    |
| seismic effects                              | 地震效应       |
| seismic group recorder system (SGR)          | 分组式遥测型地震仪  |
| seismic group telemetry system (SGT)         | 分组式遥测型地震仪  |
| seismic logger                               | 地震测井仪      |
| seismic prospecting instrument               | 地震勘探仪器     |
| seismic record                               | 地震记录       |
| selected area electron amplification image   | 选区电子放大象    |
| selected area electron diffraction image     | 选区电子衍射象    |
| selecting                                    | 选择         |
| selective absorption                         | 选择吸收       |
| selective radiator                           | 选择辐射体      |
| selectivity                                  | 选择性        |
| selectivity coefficient                      | 选择系数       |
| self-absorption                              | 自吸         |
| self-actuated regulator                      | 自力式调节阀     |
| self-compensating propeller                  | 自补偿旋桨      |
| self-contained STD profiling system          | 自容式温盐深剖面仪  |
| self-diagnostic alarm panel                  | 自诊断报警画面    |
| self-electrode                               | 自由极        |
| self-excitation optical pumping magnetometer | 自激式光泵磁力仪   |
| self-excited vibration                       | 自激励振动      |

| ENGLISH                                       | CHINESE  |
|---|----------|
| 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]  |

| ENGLISH   | CHINESE       |
|---|---------------|
| semi-physical simulation                          | 半实物仿真         |
| sensing element                                   | 敏感元件；检测元件     |
| sensing torque shaft                              | 转矩传感轴         |
| sensitive grid                                    | 敏感栅           |
| sensitive limit                                   | 灵敏限           |
| sensitivity                                       | 灵敏度           |
| sensitivity analysis                              | 灵敏度分析         |
| sensitivity coefficient                           | 灵敏度系数         |
| sensitivity drift                                 | 灵敏度漂移         |
| sensitivity of microphone                         | 传声器灵敏度        |
| sensitization type inclinometer                   | 感光记录测斜仪       |
| sensor  | 检测元件；传感元件；传感器 |
| sensor with bare wire sensitive element           | 裸丝敏感元件传感器     |
| sensor with 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

| ENGLISH                          | CHINESE   |
|----------------------------------|-----------|
| 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 |
| tape recorder                    | 磁带记录仪     |



| ENGLISH                                     | CHINESE      |
|---|--------------|
| tapping                                     | 取压口；轻敲       |
| target                                      | 靶；觜标         |
| target computer                             | 目标计算机        |
| target flow transducer                      | 靶式流量传感器      |
| target flowmeter                            | 靶式流量计        |
| target size                                 | 目标尺寸         |
| taring construct                            | 去皿装置         |
| task  | 任务           |
| task allocation                             | 任务分配         |
| task coordination                           | 任务协调         |
| task cycle                                  | 作业周期         |
| task level language                         | 作业级语言        |
| task optimization                           | 任务优化         |
| task program                                | 作业程序         |
| taut suspension galvanometer                | 张丝式检流计       |
| technical evaluation                        | 技术评定；技术评价    |
| technical regulation                        | 技术法规         |
| technical specification                     | 技术规范         |
| techniques for approximating the ITS-90     | ITS-90 的近似技术 |
| telecommunication                           | 远程通信         |
| telemasuring equipment                      | 遥测装置         |
| telemechanics                               | 运动学          |
| telemetry and remote control system         | 遥测遥控系统       |
| telemetry communication system              | 遥测通信系统       |
| telemetry instrument                        | 遥测仪器仪表       |
| telemetry STD profiling system              | 遥测温盐深剖面仪     |
| telemetry system of frequency division type | 频分（制）遥测系统    |
| telemetry system of time division type      | 时分（制）遥测系统    |
| telemetry wave buoy                         | 遥测波浪浮标       |
| telemetry                                   | 遥测           |
| telemetry strain indicator                  | 遥测应变仪        |

| ENGLISH   | CHINESE   |
|---|-----------|
| telemetry system                                      | 遥测系统      |
| teleological system                                   | 目的系统      |
| teleology   | 目的论       |
| telephotometer  | 遥测光度表     |
| teleprinter   | 电传打字机     |
| teleprocessing  | 远程处理      |
| telepsychrometer                                      | 遥测湿度仪     |
| telescope   | 望远镜       |
| telescope level                                       | 望远镜水准器    |
| telescopic system                                     | 望远镜系统     |
| telethermometer                                       | 遥测温度仪     |
| teletype  | 电传打字机     |
| teletypewriter  | 电传打字机     |
| temperature   | 温度        |
| temperature compensating method of reference junction | 参比端温度补偿法  |
| temperature compensation                              | 温度补偿      |
| temperature-conductivity indicator                    | 温度—电导率测量仪 |
| temperature constant state                            | 恒温状态      |
| temperature control thermistor                        | 控温热敏电阻器   |
| temperature controlled salinity bath                  | 控温盐水槽     |
| temperature correction                                | 温度修正      |
| temperature cycling                                   | 温度循环      |
| temperature difference                                | 温差        |
| temperature difference electromotive force            | 温差电势      |
| temperature drift                                     | 温度漂移      |
| temperature error                                     | 温度误差      |
| temperature fall period                               | 降温过程（阶段）  |
| temperature fall time                                 | 降温时间      |
| temperature field                                     | 温度场       |
| temperature fluctuation                               | 温度波动度     |
| temperature gradient                                  | 温度梯度      |

| ENGLISH  | CHINESE    |
|--|------------|
| 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      |

| ENGLISH   | CHINESE    |
|---|------------|
| 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        |
| theoretical intensity of scattered ion              | 散射离子的理论强度  |
| theoretical slope factor                            | 理论斜率因数     |

| ENGLISH   | CHINESE   |
|---|-----------|
| 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     |

| ENGLISH  | CHINESE     |
|--|-------------|
| thermal sensitivity drift                                | 热灵敏度漂移      |
| thermal shock  | 热冲击         |
| thermal shock test chamber                               | 热冲击试验箱      |
| thermal strain   | 热应变         |
| thermal stress   | 热应力         |
| thermal titration  | 热滴定 (法)     |
| thermal wave electron image                              | 热波电子象       |
| thermal wave electron microscope                         | 热波电子显微镜     |
| thermal zero drift                                       | 热零点漂移       |
| thermistor   | 热敏电阻        |
| thermistor chain   | 热敏电阻测温链     |
| (thermo) reference material                              | (热) 参比物     |
| thermo-sensitive element                                 | 热敏元件        |
| thermoacoustimetry                                       | 热 (传) 声法    |
| thermoacoustimetry apparatus                             | 热传声仪        |
| thermobalance  | 热天平         |
| thermocouple   | 热电偶         |
| thermocouple circuit                                     | 热电偶电路       |
| thermocouple element                                     | 热电偶元件       |
| thermocouple instrument                                  | 热偶式仪表       |
| thermocouple style                                       | 热电偶的形式      |
| thermocouple type  | 热电偶的类型      |
| thermodilatometer  | 热膨胀仪        |
| thermodilatometry  | 热膨胀法        |
| thermodynamic quantity transducer [sensor]               | 热力学量传感器     |
| thermodynamic temperature                                | 热力学温度       |
| thermodynamic temperature scale                          | 热力学温标       |
| thermoelectric effect (of resistance thermometer sensor) | (热电阻的) 热电影响 |
| thermoelectric effect error                              | 热电效应误差      |
| thermoelectric thermometer                               | 热电温度计       |
| thermoelectric thermometry                               | 热电测温法       |

| ENGLISH                            | CHINESE  |
|------------------------------------|----------|
| thermoelectric thermostat          | 半导体致冷恒温槽 |
| thermoelectric transducer [sensor] | 热电式传感器   |
| thermoelectrometry                 | 热电法      |
| thermoelectrometry apparatus       | 热电（分析）仪  |
| thermoelement                      | 热电极      |
| thermograph                        | 热图       |
| thermograph technology             | 热成像技术    |
| thermogravimetric curve            | 热重曲线     |
| thermogravimetry (TG)              | 热重法      |
| thermogravimetry curve             | 热重曲线；    |

## 电子类专业英语词汇 U

| ENGLISH   | CHINESE    |
|---|------------|
| 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   |

| ENGLISH                                       | CHINESE    |
|---|------------|
| 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    |



| ENGLISH                                   | CHINESE   |
|---|-----------|
| 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”    |

| ENGLISH  | CHINESE     |
|--|-------------|
| 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    |

| ENGLISH               | CHINESE          |
|-----------------------|------------------|
| 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

| ENGLISH                          | CHINESE   |
|----------------------------------|-----------|
| 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     |

| ENGLISH                                      | CHINESE      |
|--|--------------|
| 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                         | 可变角探头        |
| 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      |

| ENGLISH                               | CHINESE          |
|---------------------------------------|------------------|
| 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              |

| ENGLISH  | CHINESE    |
|--|------------|
| 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         |

| ENGLISH                                    | CHINESE   |
|--|-----------|
| 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        |

| ENGLISH                                       | CHINESE     |
|---|-------------|
| 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       |



| ENGLISH  | CHINESE      |
|--|--------------|
| voltage transformer                            | 电压互感器        |
| voltammetry                                    | 伏安法          |
| volt-ampere meter                              | 视在功率表        |
| volt-ampere-hour metr                          | 视在功率电度表；伏安時計 |
| 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

| ENGLISH                                      | CHINESE |
|--|---------|
| 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   |

| ENGLISH   | CHINESE        |
|---|----------------|
| 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             |

| ENGLISH                        | CHINESE     |
|--------------------------------|-------------|
| 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     |

| ENGLISH                          | CHINESE |
|----------------------------------|---------|
| weighting matrix                 | (加) 权矩阵 |
| weighting method                 | 加权法     |
| weighting network                | 计权网络    |
| weir type flow sensor            | 堰式流量传感器 |
| weldable strain gauge            | 焊接式应变计  |
| welded bellows                   | 焊接波纹管   |
| welded ends                      | 焊接连接端   |
| welded mounting coupler          | 焊头      |
| wet bulb                         | 湿球      |
| wet-bulb temperature             | 湿球温度    |
| wet-bulb thermometer             | 湿球温度表   |
| wet gas meter                    | 湿式气体表   |
| Wheatstone bridge                | 惠斯登电桥   |
| whirling psychrometer            | 旋转干湿表   |
| white noise                      | 白噪声     |
| white random vibration           | 白随机振动   |
| white X-rays                     | 白色X射线   |
| whole machine balancing          | 整体平衡    |
| wide band seismograph            | 宽频带地震仪  |
| width meter [gauge]              | 宽度计     |
| width of acoustic emission event | 声发射事件宽度 |
| width standard plate             | 宽度标准样板  |
| Wien velocity filter             | 维恩速度过滤器 |
| Winchester disk drive            | 温盘机     |
| wind cup                         | 风杯      |
| wind direction                   | 风向      |
| wind force                       | 风力      |
| wind force scale                 | 风级      |
| wind mill anemometer             | 叶轮式风速表  |
| wind pressure                    | 风压      |
| wind run                         | 风程      |

| ENGLISH                                | CHINESE    |
|--|------------|
| 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      |

| ENGLISH   | CHINESE               |
|---|-----------------------|
| 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

| ENGLISH                                | CHINESE     |
|--|-------------|
| 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  |

| ENGLISH                                  | CHINESE    |
|--|------------|
| 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

| ENGLISH      | CHINESE |
|--------------|---------|
| Y-modulation | Y调制角    |

| ENGLISH        | CHINESE |
|----------------|---------|
| 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

| ENGLISH                       | CHINESE     |
|-------------------------------|-------------|
| 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         |



| ENGLISH                           | CHINESE      |
|-----------------------------------|--------------|
| 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       |