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Archimedes worm 安全系数 safety factor. factor of safety 安全载荷 safe load 凹面、凹度 concavity 扳手 wrench 板簧 flat leaf spring 半圆键 woodruff key 变形 deformation 摆杆 oscillating bar 摆动从动件 oscillating follower 摆动从动件凸轮机构 cam with oscillating follower 摆动导杆机构 oscillating guide-bar mechanism 摆线齿轮 cycloidal gear 摆线齿形 cycloidal tooth profile 摆线运动规律 cycloidal motion 摆线针轮 cycloidal-pin wheel 包角 angle of contact 保持架 cage 背对背安装 back-to-back arrangement 背锥 back cone ; normal cone 背锥角 back angle 背锥距 back cone distance 比例尺 scale 比热容 specific heat capacity 闭式链 closed kinematic chain 闭链机构 closed chain mechanism 臂部 arm 变频器 frequency converters 变频调速 frequency control of motor speed 变速 speed change 变速齿轮 change gear . change wheel 变位齿轮 modified gear 变位系数 modification coefficient 标准齿轮 standard gear 标准直齿轮 standard spur gear 表面质量系数 superficial mass factor 表面传热系数 surface coefficient of heat transfer 表面粗糙度 surface roughness 并联式组合 combination in parallel 并联机构 parallel mechanism 并联组合机构 parallel combined mechanism 并行工程 concurrent engineering 并行设计 concurred design, CD 不平衡相位 phase angle of unbalance 不平衡 imbalance (or unbalance) 不平衡量 amount of unbalance 不完全齿轮机构 intermittent gearing 波发生器 wave generator 波数

number of waves 补偿 compensation 参数化设计 parameterization design, PD 残余应力 residual stress 操纵及控制装置 operation control device 槽轮 Geneva wheel 槽轮机构 Geneva mechanism ; Maltese cross 槽数 Geneva numerate 槽凸轮 groove cam 侧隙 backlash 差动轮系 differential gear train 差动螺旋机构 differential screw mechanism 差速器 differential 常用机构 conventional mechanism. mechanism in common use 车床 lathe 承载量系数 bearing capacity factor 承载能力 bearing capacity 成对安装 paired mounting 尺寸系列 dimension series 齿槽 tooth space 齿槽宽 spacewidth 齿侧间隙 backlash 齿顶高 addendum 齿顶圆 addendum circle 齿根高 dedendum 齿根圆 dedendum circle 齿厚 tooth thickness 齿距 circular pitch 齿宽 face width 齿廓 tooth profile 齿廓曲线 tooth curve 齿轮 gear 齿轮变速箱 speed-changing gear boxes 齿轮齿条机构 pinion and rack 齿轮插刀 pinion cutter. pinion-shaped shaper cutter 齿轮滚刀 hob ,hobbing cutter 齿轮机构 gear 齿轮轮坯 blank 齿轮传动系 pinion unit 齿轮联轴器 gear coupling 齿条传动 rack gear 齿数 tooth number 齿数比 gear ratio 齿条 rack 齿条插刀 rack cutter. rack-shaped shaper cutter 齿形链、无声链 silent chain 齿形系数 form factor 齿式棘轮机构 tooth ratchet mechanism 插齿机 gear shaper 重合点 coincident points 重合度 contact ratio 冲床 punch 传动比 transmission ratio, speed ratio 传动装置 gearing. transmission gear 传动系统 driven system 传动角 transmission angle 传动轴 transmission shaft 串联式组合 combination in series 串联式组合机构 series combined mechanism 串级调速 cascade speed control 创新 innovation . creation 创新设计 creation design

垂直载荷、法向载荷 normal load 唇形橡胶密封 lip rubber seal  
磁流体轴承 magnetic fluid bearing 从动带轮 driven pulley 从动件  
driven link, follower 从动件平底宽度 width of flat-face 从动件停  
歇 follower dwell 从动件运动规律 follower motion 从动轮 driven  
gear 粗线 bold line 粗牙螺纹 coarse thread 大齿轮 gear wheel 打  
包机 packer 打滑 slipping 带传动 belt driving 带轮 belt pulley 带  
式制动器 band brake 单列轴承 single row bearing 单向推力轴承  
single-direction thrust bearing 单万向联轴节 single universal joint  
单位矢量 unit vector 当量齿轮 equivalent spur gear. virtual gear 当  
量齿数 equivalent teeth number. virtual number of teeth 当量摩擦  
系数 equivalent coefficient of friction 当量载荷 equivalent load 刀  
具 cutter 导数 derivative 倒角 chamfer 导热性 conduction of heat  
导程 lead 导程角 lead angle 等加等减速运动规律 parabolic  
motion. constant acceleration and deceleration motion 等速运动规  
律 uniform motion. constant velocity motion 等径凸轮 conjugate  
yoke radial cam 等宽凸轮 constant-breadth cam 等效构件  
equivalent link 等效力 equivalent force 等效力矩 equivalent  
moment of force 等效量 equivalent 等效质量 equivalent mass 等效  
转动惯量 equivalent moment of inertia 等效动力学模型  
dynamically equivalent model 底座 chassis 低副 lower pair 点划线  
chain dotted line (疲劳) 点蚀 pitting 垫圈 gasket 垫片密封  
gasket seal 碟形弹簧 belleville spring 顶隙 bottom clearance 定轴  
轮系 ordinary gear train. gear train with fixed axes 动力学 dynamics  
动密封 kinematical seal 动能 dynamic energy 动力粘度 dynamic  
viscosity 动力润滑 dynamic lubrication 动平衡 dynamic balance  
动平衡机 dynamic balancing machine 动态特性 dynamic

characteristics 动态分析设计 dynamic analysis design 动压力  
dynamic reaction 动载荷 dynamic load 端面 transverse plane 端面  
参数 transverse parameters 端面齿距 transverse circular pitch 端面  
齿廓 transverse tooth profile 端面重合度 transverse contact ratio  
端面模数 transverse module 端面压力角 transverse pressure angle  
锻造 forge 对称循环应力 symmetry circulating stress 对心滚子从  
动件 radial (or in-line ) roller follower 对心直动从动件 radial (or  
in-line ) translating follower 对心移动从动件 radial reciprocating  
follower 对心曲柄滑块机构 in-line slider-crank (or crank-slider)  
mechanism 多列轴承 multi-row bearing 多楔带 poly V-belt 多项  
式运动规律 polynomial motion 多质量转子 rotor with several  
masses 惰轮 idle gear 额定寿命 rating life 额定载荷 load rating II  
级杆组 dyad 发生线 generating line 发生面 generating plane 法面  
normal plane 法面参数 normal parameters 法面齿距 normal  
circular pitch 法面模数 normal module 法面压力角 normal  
pressure angle 法向齿距 normal pitch 法向齿廓 normal tooth  
profile 法向直廓蜗杆 straight sided normal worm 法向力 normal  
force 反馈式组合 feedback combining 反向运动学 inverse ( or  
backward) kinematics 反转法 kinematic inversion 反正切 Arctan  
范成法 generating cutting 仿形法 form cutting 方案设计、概念设  
计 concept design, CD 防振装置 shockproof device 飞轮 flywheel  
飞轮矩 moment of flywheel 非标准齿轮 nonstandard gear 非接触  
式密封 non-contact seal 非周期性速度波动 aperiodic speed  
fluctuation 非圆齿轮 non-circular gear 粉末合金 powder  
metallurgy 分度线 reference line. standard pitch line 分度圆  
reference circle. standard (cutting) pitch circle 分度圆柱导程角

lead angle at reference cylinder 分度圆柱螺旋角 helix angle at reference cylinder 分母 denominator 分子 numerator 分度圆锥 reference cone. standard pitch cone 分析法 analytical method 封闭差动轮系 planetary differential 复合铰链 compound hinge 复合式组合 compound combining 复合轮系 compound (or combined) gear train 复合平带 compound flat belt 复合应力 combined stress 复式螺旋机构 Compound screw mechanism 复杂机构 complex mechanism 杆组 Assur group 干涉 interference 刚度系数 stiffness coefficient 刚轮 rigid circular spline 钢丝软轴 wire soft shaft 刚体导引机构 body guidance mechanism 刚性冲击 rigid impulse (shock) 刚性转子 rigid rotor 刚性轴承 rigid bearing 刚性联轴器 rigid coupling 高度系列 height series 高速带 high speed belt 高副 higher pair 格拉晓夫定理 Grashoff's law 根切 undercutting 公称直径 nominal diameter 高度系列 height series 功 work 工况系数 application factor 工艺设计 technological design 工作循环图 working cycle diagram 工作机构 operation mechanism 工作载荷 external loads 工作空间 working space 工作应力 working stress 工作阻力 effective resistance 工作阻力矩 effective resistance moment 公法线 common normal line 公共约束 general constraint 公制齿轮 metric gears 功率 power 功能分析设计 function analyses design 共轭齿廓 conjugate profiles 共轭凸轮 conjugate cam 构件 link 鼓风机 blower 固定构件 fixed link. frame 固体润滑剂 solid lubricant 关节型操作器 jointed manipulator "#F8F8F8" 100Test 下载频道开通，各类考试题目直接下载。详细请访问 [www.100test.com](http://www.100test.com)