

T1 Further Pure Mathematics	T1 roots	T1 coefficients
T1 substitution	T1 rational function	T1 oblique asymptote
T1 method of differences	T1 convergent	T1 sum to infinity

T1 系数 xì shù	T1 根 gēn	T1 进阶纯数学 jìn jiē chún shù xué
T1 斜渐近线 xié jiàn jìn xiàn	T1 有理函数 yǒu lǐ hán shù	T1 代换 dài huàn
T1 无穷和 wú qióng hé	T1 收敛 shōu liǎn	T1 差分法 chā fēn fǎ

T1 matrix	T1 zero matrix	T1 identity matrix
T1 determinant	T1 singular matrix	T1 inverse matrix
T1 geometric transformation	T1 invariant points	T1 invariant lines

T1 单位矩阵 dān wèi jǔ zhèn	T1 零矩阵 líng jǔ zhèn	T1 矩阵 jǔ zhèn
T1 逆矩阵 nì jǔ zhèn	T1 奇异矩阵 qí yì jǔ zhèn	T1 行列式 háng liè shì
T1 不变直线 bù biàn zhí xiàn	T1 不变点 bù biàn diǎn	T1 几何变换 jǐ hé biàn huàn

T1 polar coordinates	T1 Cartesian coordinates	T1 polar curves
T1 plane	T1 vector product	T1 vectors
T1 skew lines	T1 mathematical induction	T1 conjecture

T1 极坐标曲线 jí zuò biāo qū xiàn	T1 直角坐标 zhí jiǎo zuò biāo	T1 极坐标 jí zuò biāo
T1 向量 xiàng liàng	T1 向量积 xiàng liàng jī	T1 平面 píng miàn
T1 猜想 cāi xiǎng	T1 数学归纳法 shù xué guī nà fǎ	T1 异面直线 yì miàn zhí xiàn

T1 inductive proof	T1 symmetric functions	T1 discriminant
T1 turning points	T1 partial fractions	T1 rotation
T1 reflection	T1 enlargement	T1 stretch

T1 判别式 pàn bié shì	T1 对称函数 duì chèn hán shù	T1 归纳证明 guī nà zhèng míng
T1 旋转 xuán zhuǎn	T1 部分分式 bù fèn fēn shì	T1 驻点 zhù diǎn
T1 拉伸 lā shēn	T1 放大 fàng dà	T1 反射 fǎn shè

T1 shear	T2 Further Pure Mathematics	T2 hyperbolic functions
T2 inverse hyperbolic functions	T2 logarithmic form	T2 matrix equation
T2 characteristic equation	T2 eigenvalues	T2 eigenvector

T2 双曲函数 shuāng qū hán shù	T2 进阶纯数学 jìn jiē chún shù xué	T1 切变 qiē biàn
T2 矩阵方程 jǔ zhèn fāng chéng	T2 对数形式 duì shù xíng shì	T2 反双曲函数 fǎn shuāng qū hán shù
T2 特征向量 tè zhēng xiàng liàng	T2 特征值 tè zhēng zhí	T2 特征方程 tè zhēng fāng chéng

T2 diagonal matrix	T2 Maclaurin's series	T2 completing the square
T2 reduction formula	T2 arc length	T2 surface area of revolution
T2 Riemann sum	T2 complex number	T2 De Moivre's theorem

T2 配方法 pèi fāng fǎ	T2 麦克劳林级数 mài kè láo lín jí shù	T2 对角矩阵 duì jiǎo jǔ zhèn
T2 旋转曲面面积 xuán zhuǎn qū miàn miàn jī	T2 弧长 hú zhǎng	T2 递推公式 dì tuī gōng shì
T2 棣莫弗定理 dì mò fú dìng lǐ	T2 复数 fù shù	T2 黎曼和 lí màn hé

T2 roots of unity	T2 integrating factor	T2 general solution
T2 complementary function	T2 particular integral	T2 particular solution
T2 separable variables	T2 auxiliary equation	T3 Further Mechanics

T2 通解 tōng jiě	T2 积分因子 jī fēn yīn zǐ	T2 单位根 dān wèi gēn
T2 特解 tè jiě	T2 特积分 tè jī fēn	T2 余函数 yú hán shù
T3 进阶力学 jìn jiē lì xué	T2 辅助方程 fǔ zhù fāng chéng	T2 可分离变量 kě fēn lí biàn liàng

T3

projectile

T3

constant acceleration

T3

Cartesian equation

T3

trajectory

T3

moment

T3

centre of mass

T3

symmetry

T3

equilibrium

T3

toppling

T3 直角坐标方程 zhí jiǎo zuò biāo fāng chéng	T3 匀加速 yún jiā sù	T3 抛射体 pāo shè tǐ
T3 质心 zhì xīn	T3 力矩 lì jǔ	T3 轨迹 guǐ jì
T3 翻倒 fān dǎo	T3 平衡 píng héng	T3 对称 duì chèn

T3 sliding	T3 angular speed	T3 centripetal acceleration
T3 horizontal circle	T3 vertical circle	T3 Hooke's law
T3 modulus of elasticity	T3 elastic potential energy	T3 differential equation

T3 向心加速度 xiàng xīn jiā sù dù	T3 角速度 jiǎo sù dù	T3 滑动 huá dòng
T3 胡克定律 hú kè dìng lǜ	T3 竖直圆 shù zhí yuán	T3 水平圆 shuǐ píng yuán
T3 微分方程 wēi fēn fāng chéng	T3 弹性势能 tán xìng shì néng	T3 弹性模量 tán xìng mó liàng

T3 variable force	T3 conservation of momentum	T3 Newton's experimental law
T3 coefficient of restitution	T3 bounding parabola	T3 lamina
T3 coplanar forces	T3 conical pendulum	T3 normal contact force

T3 牛顿实验定律 niú dùn shí yàn dìng lǚ	T3 动量守恒 dòng liàng shǒu héng	T3 变力 biàn lì
T3 薄片 báo piàn	T3 包络抛物线 bāo luò pāo wù xiàn	T3 恢复系数 huī fù xì shù
T3 法向接触力 fǎ xiàng jiē chù lì	T3 圆锥摆 yuán zhuī bǎi	T3 共面力 gòng miàn lì

T3 oblique impact	T4 probability density function	T4 cumulative distribution function
T4 percentiles	T4 median	T4 hypothesis test
T4 confidence interval	T4 pooled estimate	T4 chi-squared test

T4 累积分布函数 lěi jī fēn bù hán shù	T4 概率密度函数 gài lǜ mì dù hán shù	T3 斜碰撞 xié pèng zhuàng
T4 假设检验 jiǎ shè jiǎn yàn	T4 中位数 zhōng wèi shù	T4 百分位数 bǎi fēn wèi shù
T4 卡方检验 kǎ fāng jiǎn yàn	T4 合并估计 hé bìng gū jì	T4 置信区间 zhì xìn qū jiān

T4 theoretical distribution	T4 degrees of freedom	T4 goodness of fit
T4 independence	T4 contingency table	T4 non-parametric test
T4 sign test	T4 Wilcoxon signed-rank test	T4 Wilcoxon rank-sum test

T4 拟合优度 nǐ hé yōu dù	T4 自由度 zì yóu dù	T4 理论分布 lǐ lùn fēn bù
T4 非参数检验 fēi cān shù jiǎn yàn	T4 列联表 liè lián biǎo	T4 独立性 dú lì xìng
T4 威尔科克森秩和检验 wēi ěr kē kè sēn zhì hé jiǎn yàn	T4 威尔科克森符号秩检验 wēi ěr kē kè sēn fú hào zhì jiǎn yàn	T4 符号检验 fú hào jiǎn yàn

T4 probability generating function	T4 Further Probability & Statistics

T4

进阶概率统计

jìn jiē gài lǜ tǒng jì

T4

概率母函数

gài lǜ mǔ hán shù