T1 sequence	T1 arithmetic sequence	T1 common difference
T1 series	T1 geometric sequence	T1 common ratio
T1 assumption	T1 compound interest	T1 depreciation

T1 公差 gōng chā	T1 等差数列 děng chā shù liè	T1 数列 shù liè
T1 公比 gōng bǐ	T1 等比数列 děng bǐ shù liè	T1 级数 jí shù
T1 折旧 zhé jiù	T1 复利 fù lì	T1 假设 jiǎ shè

T1 inflation	T1 amortised	T1 annuity
T1 standard form	T1 significant figure	T1 lower bound
T1 upper bound	T1 logarithm	T1 natural logarithm

T1

年金

nián jīn

T1

分期偿还

fēn qī cháng huán

T1

通货膨胀

tōng huò péng zhàng

T1

下界

xià jiè

T1

有效数字

yǒu xiào shù zì

T1

科学记数法

kē xué jì shù fǎ

T1

自然对数

zì rán duì shù

T1

对数

duì shù

T1

上界

shàng jiè

T1 complex number	T1 Argand diagram	T1 modulus
T1 argument	T1 complex conjugate	T1 matrix
T1 identity matrix	T1 determinant	T1 inverse matrix

T1

模

mó

T1

阿尔冈图

ā ěr gāng tú

T1

复数

fù shù

T1

矩阵

jǔ zhèn

T1

共轭复数

gòng è fù shù

T1

辐角

fú jiǎo

T1

逆矩阵

nì jǔ zhèn

T1

行列式

háng liè shì

T1

单位矩阵

dān wèi jǔ zhèn

T1 eigenvector	T1 eigenvalue	T1 characteristic polynomial
T1 steady state	T2 model	T2 gradient
T2 parallel	T2 perpendicular	T2 linear model

T1

特征多项式

tè zhēng duō xiàng shì

T1

特征值

tè zhēng zhí

T1

特征向量

tè zhēng xiàng liàng

T2

斜率

xié lǜ

T2

模型

mó xíng

T1

稳态

wěn tài

T2

线性模型

xiàn xìng mó xíng

T2

垂直

chuí zhí

T2

平行

píng xíng

T2 function	T2 domain	T2 range
T2 inverse function	T2 zero	T2 asymptote
T2 quadratic model	T2 axis of symmetry	T2 exponential model

T2

值域

zhí yù

T2

定义域

dìng yì yù

T2

函数

hán shù

T2

渐近线

jiàn jìn xiàn

T2

零点

líng diǎn

T2

反函数

fǎn hán shù

T2

指数模型

zhǐ shù mó xíng

T2

对称轴

duì chèn zhóu

T2

二次模型

èr cì mó xíng

T2 directly proportional	T2 inversely proportional	T2 sinusoidal model
T2 period	T2 amplitude	T2 principal axis
T2 assumption	T2 interpolation	T2 extrapolation

T2

正弦模型

zhèng xián mó xíng

T2

反比例

fǎn bǐ lì

T2

正比例

zhèng bǐ lì

T2

主轴

zhǔ zhóu

T2

振幅

zhèn fú

T2

周期

zhōu qī

T2

外推

wài tuī

T2

内插

nèi chā

T2

假设

jiǎ shè

T2 composite function	T2 logistic model	T2 carrying capacity
T2 semi-log graph	T2 log-log graph	T3 midpoint
T3 slant height	T3 pyramid	T3 cone

T2

环境容量

huán jìng róng liàng

T2

逻辑斯谛模型

luó jí sī dì mó xíng

T2

复合函数

fù hé hán shù

T3

中点

zhōng diǎn

T2

双对数图

shuāng duì shù tú

T2

半对数图

bàn duì shù tú

T3

圆锥

yuán zhuī

T3

棱锥

léng zhuī

T3

斜高

xié gāo

T3 sphere	T3 hemisphere	T3 space diagonal
T3 hypotenuse	T3 angle of elevation	T3 angle of depression
T3 bearing	T3 sine rule	T3 cosine rule

T3

体对角线

tǐ duì jiǎo xiàn

T3

半球

bàn qiú

T3

球

qiú

T3

俯角

fǔ jiǎo

T3

仰角

yǎng jiǎo

T3

斜边

xié biān

T3

余弦定理

yú xián dìng lǐ

T3

正弦定理

zhèng xián dìng lǐ

T3

方位角

fāng wèi jiǎo

T3 arc	T3 sector	T3 perpendicular bisector
T3 Voronoi diagram	T3 site	T3 cell
T3 edge	T3 vertex	T3 nearest neighbour interpolation

T3

垂直平分线

chuí zhí píng fēn xiàn

T3

扇形

shàn xíng

T3

弧

hú

T3

单元

dān yuán

T3

站点

zhàn diǎn

T3

沃罗诺伊图

wò luó nuò yī tú

T3

最近邻插值

zuì jìn lín chā zhí

T3

顶点

dǐng diǎn

T3

边

biān

T3 radian	T3 unit circle	T3 transformation matrix
T3 reflection	T3 rotation	T3 enlargement
T3 stretch	T3 determinant	T3 vector

T3

变换矩阵

biàn huàn jǔ zhèn

T3

单位圆

dān wèi yuán

T3

弧度

hú dù

T3

放大

fàng dà

T3

旋转

xuán zhuǎn

T3

反射

fǎn shè

T3

向量

xiàng liàng

T3

行列式

háng liè shì

T3

伸缩

shēn suō

T3 magnitude	T3 unit vector	T3 position vector
T3 scalar product	T3 vector product	T3 vector equation of a line
T3 velocity vector	T3 graph	T3 degree

T3

位置向量

wèi zhì xiàng liàng

T3

单位向量

dān wèi xiàng liàng

T3

模

mó

T3

直线的向量方程

zhí xiàn de xiàng liàng fāng chéng

T3

向量积

xiàng liàng jī

T3

数量积

shù liàng jī

T3

度

dù

T3

图

tú

T3

速度向量

sù dù xiàng liàng

T3 complete graph	T3 weighted graph	T3 directed graph
T3 connected	T3 tree	T3 Eulerian circuit
T3 Eulerian trail	T3 Hamiltonian cycle	T3 adjacency matrix

T3

有向图

yǒu xiàng tú

T3

加权图

jiā quán tú

T3

完全图

wán quán tú

T3

欧拉回路

ōu lā huí lù

T3

树

shù

T3

连通

lián tōng

T3

邻接矩阵

lín jiē jǔ zhèn

T3

哈密顿圈

hā mì dùn quān

T3

欧拉迹

ōu lā jì

T3 transition matrix	T3 spanning tree	T3 minimum spanning tree
T3 Kruskal's algorithm	T3 Prim's algorithm	T3 Chinese postman problem
T3 travelling salesman problem	T3 upper bound	T3 lower bound

T3

最小生成树

zuì xiǎo shēng chéng shù

T3

生成树

shēng chéng shù

T3

转移矩阵

zhuǎn yí jǔ zhèn

T3

中国邮递员问题

zhōng guó yóu dì yuán wèn tí

T3

普里姆算法

pǔ lǐ mǔ suàn fǎ

T3

克鲁斯卡尔算法

kè lǔ sī kǎ ěr suàn fǎ

T3

下界

xià jiè

T3

上界

shàng jiè

T3

旅行商问题

lǚ xíng shāng wèn tí

T4 population	T4 sample	T4 discrete data
T4 continuous data	T4 outlier	T4 mean
T4 median	T4 mode	T4 quartile

T4

离散数据

lí sàn shù jù

T4

样本

yàng běn

T4

总体

zǒng tǐ

T4

平均数

píng jūn shù

T4

异常值

yì cháng zhí

T4

连续数据

lián xù shù jù

T4

四分位数

sì fēn wèi shù

T4

众数

zhòng shù

T4

中位数

zhōng wèi shù

T4 interquartile range	T4 standard deviation	T4 cumulative frequency
T4 box plot	T4 scatter diagram	T4 regression line
T4 interpolation	T4 extrapolation	T4 Spearman's rank correlation coefficient

T4

累积频率

lěi jī pín lǜ

T4

标准差

biāo zhǔn chà

T4

四分位距

sì fēn wèi jù

T4

回归直线

huí guī zhí xiàn

T4

散点图

sàn diǎn tú

T4

箱线图

xiāng xiàn tú

T4

斯皮尔曼等级相关系数

sī pí ěr màn děng jí xiāng guān xì shù

T4

外推

wài tuī

T4

内插

nèi chā

T4 probability	T4 sample space	T4 mutually exclusive
T4 independent	T4 tree diagram	T4 discrete random variable
T4 expected value	T4 normal distribution	T4 null hypothesis

T4

互斥

hù chì

T4

样本空间

yàng běn kōng jiān

T4

概率

gài lǜ

T4

离散随机变量

lí sàn suí jī biàn liàng

T4

树状图

shù zhuàng tú

T4

独立

dú lì

T4

原假设

yuán jiǎ shè

T4

正态分布

zhèng tài fēn bù

T4

期望值

qī wàng zhí

T4 alternative hypothesis	T4 significance level	T4 chi-squared test
T4 contingency table	T4 degrees of freedom	T4 critical value
T4 goodness of fit test	T4 one-tailed	T4 two-tailed

T4

卡方检验

kǎ fāng jiǎn yàn

T4

显著性水平

xiǎn zhù xìng shuǐ píng

T4

备择假设

bèi zé jiǎ shè

T4

临界值

lín jiè zhí

T4

自由度

zì yóu dù

T4

列联表

liè lián biǎo

T4

双尾

shuāng wěi

T4

单尾

dān wěi

T4

拟合优度检验

nǐ hé yōu dù jiǎn yàn

T4 reliable	T4 valid	T4 residual
T4 coefficient of determination	T4 unbiased estimate	T4 central limit theorem
T4 confidence interval	T4 Poisson distribution	T4 critical region

T4

残差

cán chà

T4

有效

yǒu xiào

T4

可靠

kě kào

T4

中心极限定理

zhōng xīn jí xiàn dìng lǐ

T4

无偏估计

wú piān gū jì

T4

决定系数

jué dìng xì shù

T4

拒绝域

jù jué yù

T4

泊松分布

pō sōng fēn bù

T4

置信区间

zhì xìn qū jiān

T4 Type I error	T4 Type II error	T4 Markov chain
T4 transition matrix	T4 steady state	T5 secant
T5 tangent	T5 derivative	T5 increasing

T4

马尔可夫链

mǎ ěr kě fū liàn

T4

第二类错误

dì èr lèi cuò wù

T4

第一类错误

dì yī lèi cuò wù

T5

割线

gē xiàn

T4

稳态

wěn tài

T4

转移矩阵

zhuǎn yí jǔ zhèn

T5

递增

dì zēng

T5

导数

dǎo shù

T5

切线

qiē xiàn

T5 decreasing	T5 normal	T5 stationary point
T5 local maximum	T5 local minimum	T5 integration
T5 constant of integration	T5 definite integral	T5 chain rule

T5

驻点

zhù diǎn

T5

法线

fǎ xiàn

T5

递减

dì jiǎn

T5

积分

jī fēn

T5

局部最小值

jú bù zuì xiǎo zhí

T5

局部最大值

jú bù zuì dà zhí

T5

链式法则

liàn shì fǎ zé

T5

定积分

dìng jī fēn

T5

积分常数

jī fēn cháng shù

T5 product rule	T5 quotient rule	T5 second derivative
T5 point of inflection	T5 volume of revolution	T5 displacement
T5 velocity	T5 acceleration	T5 differential equation

T5

二阶导数

èr jiē dǎo shù

T5

商法则

shāng fǎ zé

T5

乘积法则

chéng jī fǎ zé

T5

位移

wèi yí

T5

旋转体体积

xuán zhuǎn tǐ tǐ jī

T5

拐点

guǎi diǎn

T5

微分方程

wēi fēn fāng chéng

T5

加速度

jiā sù dù

T5

速度

sù dù

T5 separation of variables	T5 slope field	T5 Euler's method
T5 coupled system	T5 phase portrait	T5 equilibrium point
T5 saddle point	T6 mathematical exploration	T6 internal assessment

T5

欧拉法

ōu lā fǎ

T5

斜率场

xié lǜ chǎng

T5

分离变量法

fēn lí biàn liàng fǎ

T5

平衡点

píng héng diǎn

T5

相图

xiàng tú

T5

耦合系统

ǒu hé xì tǒng

T6

内部评估

nèi bù píng gū

T6

数学探究

shù xué tàn jiū

T5

鞍点

ān diǎn

T6 moderation	T6 presentation	T6 mathematical communication
T6 personal engagement	T6 reflection	T6 use of mathematics
T6 research question	T6 primary data	T6 secondary data

T6

数学交流

shù xué jiāo liú

T6

表达

biǎo dá

T6

评分审核

píng fēn shěn hé

T6

数学运用

shù xué yùn yòng

T6

反思

fǎn sī

T6

个人投入

gè rén tóu rù

T6

二手数据

èr shǒu shù jù

T6

一手数据

yī shǒu shù jù

T6

研究问题

yán jiū wèn tí

T6 regression line	T6 residual	T6 assumption

T6 假设 jiǎ shè	T6 残差 cán chà	T6 回归直线 huí guī zhí xiàn