

T1 change	T1 accumulation	T1 limit
T1 at a single instant	T1 average rate of change	T1 interval
T1 instantaneous rate of change	T1 approaches	T1 derivative

T1 jí xiàn	T1 lěi jī	T1 biàn huà
T1 qū jiān	T1 píng jūn biàn huà lǚ	T1 shùn jiān
T1 dǎo shù	T1 qū jìn	T1 shùn shí biàn huà lǚ

T1 integral	T1 arbitrarily	T1 sufficiently
T1 behavior	T1 graphically	T1 numerically
T1 analytically	T1 left-hand limit	T1 right-hand limit

T1 zú gòu	T1 rèn yì dì	T1 jī fēn
T1 yòng shù zhí	T1 yòng tú xiàng	T1 xíng wéi
T1 yòu jí xiàn	T1 zuǒ jí xiàn	T1 yòng jiě xī shì

T1 one-sided limits	T1 open circle	T1 hole
T1 closed circle	T1 jump	T1 unbounded
T1 oscillates	T1 scale	T1 table

T1 kōng dòng	T1 kōng xīn yuán	T1 dān cè jí xiàn
T1 wú jiè	T1 tiào yuè	T1 shí xīn yuán
T1 biǎo gé	T1 bǐ lì	T1 zhèn dàng

T1 limit theorems	T1 Composite	T1 direct substitution
T1 indeterminate form	T1 equivalent form	T1 Factor and cancel
T1 rational function	T1 conjugate	T1 radical

T1 zhí jiē dài rù	T1 fù hé hán shù	T1 jí xiàn dìng lǐ
T1 yīn shì fēn jiě bìng yuē fēn	T1 děng jià xíng shì	T1 wèi dìng shì
T1 gēn shì	T1 gòng è	T1 yǒu lǐ hán shù

T1 dominant	T1 squeeze theorem	T1 discontinuous
T1 Removable discontinuity	T1 Jump discontinuity	T1 Infinite discontinuity
T1 vertical asymptote	T1 continuous	T1 continuous on an interval

T1 jiàn duàn	T1 jiā bī dìng lǐ	T1 zhǔ dǎo
T1 wú qióng jiàn duàn	T1 tiào yuè jiàn duàn	T1 kě qù jiàn duàn
T1 zài qū jiān shàng lián xù	T1 lián xù	T1 chuí zhí jiàn jìn xiàn

T1 exponential	T1 logarithmic	T1 trigonometric
T1 piecewise-defined function	T1 parameter	T1 infinite limits
T1 limits at infinity	T1 end behavior	T1 horizontal asymptote

T1 sān jiǎo	T1 duì shù	T1 zhǐ shù
T1 wú qióng jí xiàn	T1 cān shù	T1 fēn duàn hán shù
T1 shuǐ píng jiàn jìn xiàn	T1 mò duān xíng wéi	T1 wú qióng yuǎn chù de jí xiàn

T1 degrees	T1 ratio of the leading coefficients	T1 relative magnitudes
T1 Intermediate Value Theorem	T1 existence theorem	T2 derivative
T2 difference quotient	T2 instantaneous	T2 first principles

T1 xiāng duì dà xiǎo	T1 shǒu xiàng xì shù zhī bǐ	T1 cì shù
T2 dǎo shù	T1 cún zài xìng dìng lǐ	T1 jiè zhí dìng lǐ
T2 yòng dìng yì qiú dǎo	T2 shùn shí	T2 chà shāng

T2 notations	T2 slope	T2 tangent line
T2 table	T2 units	T2 differentiable
T2 continuous	T2 corner	T2 vertical tangent

T2 qiè xiàn	T2 xié lǚ	T2 jì hào
T2 kě dǎo	T2 dān wèi	T2 biǎo gé
T2 chuí zhí qiè xiàn	T2 jiān diǎn	T2 lián xù

T2 power rule	T2 Constant multiple	T2 polynomial
T2 product rule	T2 quotient rule	T2 identities
T2 second derivative	T3 chain rule	T3 composite function

T2 duō xiàng shì	T2 cháng shù bèi	T2 mì fǎ zé
T2 héng děng shì	T2 shāng fǎ zé	T2 chéng jī fǎ zé
T3 fù hé hán shù	T3 liàn shì fǎ zé	T2 èr jiē dǎo shù

T3 Implicit differentiation	T3 inverse function	T3 reciprocal
T3 inverse trigonometric functions	T3 second derivative	T3 concavity
T4 position	T4 velocity	T4 acceleration

T3 dào shǔ	T3 fǎn hán shù	T3 yǐn hán shù qiú dǎo
T3 āo tū xìng	T3 èr jiē dǎo shù	T3 fǎn sān jiǎo hán shù
T4 jiā sù dù	T4 sù dù	T4 wèi zhì

T4 at rest	T4 Speed	T4 related rates
T4 local linearity	T4 linear approximation	T4 concavity
T4 underestimate	T4 overestimate	T4 indeterminate form

T4 xiāng guān biàn huà lǚ	T4 sù lǚ	T4 jìng zhǐ
T4 āo tū xìng	T4 xiàn xìng jìn sì	T4 jú bù xiàn xìng
T4 wèi dìng shì	T4 gāo gū	T4 dī gū

T4 L'Hospital's Rule	T5 Mean Value Theorem	T5 Extreme Value Theorem
T5 critical point	T5 local (relative) extrema	T5 increasing
T5 decreasing	T5 local maximum	T5 local minimum

T5 jí zhí dìng lǐ	T5 zhōng zhí dìng lǐ	T4 luò bì dá fǎ zé
T5 dì zēng	T5 jú bù jí zhí	T5 lín jiè diǎn
T5 jí xiǎo zhí	T5 jí dà zhí	T5 dì jiǎn

T5 concave up	T5 concave down	T5 point of inflection
T5 Optimization	T6 integral	T6 accumulation
T6 Riemann sum	T6 trapezoidal sum	T6 definite integral

T5 guǎi diǎn	T5 xià āo	T5 shàng āo
T6 lěi jī	T6 jī fēn	T5 zuì yōu huà
T6 dìng jī fēn	T6 tī xíng fǎ	T6 lí màn hé

T6 accumulation function	T6 Fundamental Theorem of Calculus (FTC)	T6 antiderivative
T6 indefinite integral	T6 u-substitution	T6 Integration by parts
T6 Partial fractions	T6 improper integral	T6 converges

T6 yuán hán shù	T6 wēi jī fēn jī běn dìng lǐ	T6 lěi jī hán shù
T6 fēn bù jī fēn	T6 huàn yuán jī fēn	T6 bù dìng jī fēn
T6 shōu liǎn	T6 fǎn cháng jī fēn	T6 bù fēn fēn shì

T6 diverges	T7 differential equation	T7 slope field
T7 Euler's method	T7 separable	T7 initial condition
T7 exponential growth or decay	T7 logistic model	T7 carrying capacity

T7 xié lǚ chǎng	T7 wēi fēn fāng chéng	T6 fā sàn
T7 chū shǐ tiáo jiàn	T7 kě fēn lí	T7 ōu lā fāng fǎ
T7 huán jìng róng nà liàng	T7 luó jí sī dì mó xíng	T7 zhǐ shù zēng zhǎng

T8 average value	T8 displacement	T8 total distance
T8 cross sections	T8 disc method	T8 washer method
T8 arc length	T9 Parametric equations	T9 vector-valued function

T8 zǒng lù chéng	T8 wèi yí	T8 píng jūn zhí
T8 diàn juàn fǎ	T8 yuán pán fǎ	T8 héng jié miàn
T9 xiàng liàng zhí hán shù	T9 cān shù fāng chéng	T8 hú zhǎng

T9 Polar coordinates	T10 infinite series	T10 partial sums
T10 converges	T10 diverges	T10 geometric series
T10 integral test	T10 harmonic series	T10 Direct comparison

T10 bù fèn hé	T10 wú qióng jí shù	T9 jí zuò biāo
T10 jǐ hé jí shù	T10 fā sǎn	T10 shōu liǎn
T10 zhí jiē bǐ jiào	T10 tiáo hé jí shù	T10 jī fēn pàn bié fǎ

T10 Limit comparison	T10 alternating series	T10 ratio test
T10 converges absolutely	T10 converges conditionally	T10 Taylor polynomial
T10 Lagrange error bound	T10 power series	T10 radius of convergence

T10 bǐ zhí pàn bié fǎ	T10 jiāo cuò jí shù	T10 jí xiàn bǐ jiào
T10 tài lēi duō xiàng shì	T10 tiáo jiàn shōu liǎn	T10 jué duì shōu liǎn
T10 shōu liǎn bàn jìng	T10 mì jí shù	T10 lǎ gé lǎng rì wù chā jiè

T10

interval of convergence

T10

shōu liǎn qū jiān