

Infinite Sequences and Series

AP Calculus BC · Vocabulary

English	中文	Pinyin
Σ infinite series	无穷级数	wú qióng jí shù
Σ partial sums	部分和	bù fèn hé
\curvearrowright converges	收敛	shōu liǎn
\curvearrowleft diverges	发散	fā sǎn
\times geometric series	几何级数	jǐ hé jí shù
\int integral test	积分判别法	jī fēn pàn bié fǎ
♩ harmonic series	调和级数	tiáo hé jí shù
∞ Direct comparison	直接比较	zhí jiē bǐ jiào
∞ Limit comparison	极限比较	jí xiàn bǐ jiào
\updownarrow alternating series	交错级数	jiāo cuò jí shù
\div ratio test	比值判别法	bǐ zhí pàn bié fǎ
\odot converges absolutely	绝对收敛	jué duì shōu liǎn
\ominus converges conditionally	条件收敛	tiáo jiàn shōu liǎn
\curvearrowright Taylor polynomial	泰勒多项式	tài lēi duō xiàng shì
\triangle Lagrange error bound	拉格朗日误差界	lā gé lǎng rì wù chā jiè
\times^2 power series	幂级数	mì jí shù
\bigcirc radius of convergence	收敛半径	shōu liǎn bàn jìng
$[]$ interval of convergence	收敛区间	shōu liǎn qū jiān