

功能介绍

HOW TO USE MATHX

MathX，让数学公式的输入如你所想！在键盘无法直接输入数学符号的情况下，你只需要输入符号名称（如alpha、integral、limit、sqrt），然后从菜单中选取对应符号，即可完成数学公式的输入。

MathX allows you to type math like you think it. Type numbers, characters, and symbols like + or = from your keyboard. For symbols not supported by keyboard, type the common name (e.g., alpha, integral, limit, sqrt) and select resulting character from the menu.

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE

输入规则:

0001 使用SHIFT+6输入上标

0010 使用SHIFT+-输入下标

0011 使用/输入分数

0100 使用TAB键向前移动光标

0101 使用方向键定位公式中光标所在位置。

0110 输入符号，如 π 或 \int ，只需输入符号的英文名称 (pi, integral)。

Basic Rules:

0001 To get superscript type ^ (SHIFT+6)

0010 To get subscript type _ (SHIFT+-)

0011 To get fraction type /

0100 Type TAB move the cursor forward

0101 Use the arrow keys ◀▶▶▶ to navigate through the expression

0110 To get symbols like π or \int type their name (pi, integral).

Use **TAB** or **ARROW** keys to move cursor

$$x_1^2 + x_2^2 = x^4$$

[x]

[ENTER]

IMAGE SIZE

mathx

small

medium

large

功能介绍

HOW TO GUIDE

符号名称

SYMBOL REFERENCE

记得使用**Tab**键定位公式中光标所在位置。

Don't forget to use **TAB** to navigate through input arguments.

Type NAME of symbol or function

$$f'(x) = \frac{df}{dx} = \lim_{|}$$

[ENTER]



mathx

功能介绍

HOW TO GUIDE

符号名称

SYMBOL REFERENCE

准备就绪，开始输入吧！

You're all set. Enjoy!

SYMBOL REFERENCE



left arrow



left right arrow



right arrow



map



inclusion map



left up harpoon

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



left down harpoon



right up harpoon



right down harpoon



left right harpoons



right left harpoons



left long arrow



left right long arrow



long map

right long arrow



northwest arrow



northeast arrow



southeast arrow

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE
southwest arrow

up arrow



down arrow



left double arrow



left right double arrow



right double arrow



up double arrow



down double arrow



long left double arrow



long left right double arrow



long right double arrow



northwest double arrow



mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



southwest double arrow



dot operator



times



composition



circled times



circled asterisk



circled division slash



circled ring



plus minus



minus plus



dot plus



circled plus

mathx

 功能介绍
HOW TO GUIDE

 符号名称
SYMBOL REFERENCE


circled minus



left ceiling



left floor



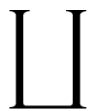
right ceiling



right floor



product



coproduct



tensor product



wedge product



interior product



cup product



cap product

mathx

 功能介绍
HOW TO GUIDE

 符号名称
SYMBOL REFERENCE


sum



direct sum



integral



double integral



triple integral



quadruple integral



contour integral



surface integral



volume integral



clockwise contour integral



anticlockwise contour



limit

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



sqrt



root



angle



measured angle



right angle with arc



spherical angle



angle divides



does not divide



parallel to



not parallel to



perpendicular

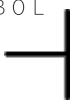


down perpendicular

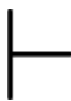
mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



left perpendicular



right perpendicular



triangle



arc



alpha



beta

γ

gamma

δ

delta

ϵ

epsilon

ζ

zeta

η

eta

θ

theta

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE

ι

iota

κ

kappa

λ

lambda

μ

mu

ν

nu

ξ

xi

\omicron

π

omicron

pi

ρ

rho

σ

sigma

τ

tau

υ

upsilon

mathx

功能介绍
HOW TO GUIDE

ϕ
符号名称
SYMBOL REFERENCE
phi

χ
chi

ψ

psi

ω

omega

A

Alpha

B

Beta

Γ

Gamma

Δ

Delta

E

Epsilon

 Z

Zeta

 H

Eta

 Θ

Theta

 I K

mathx

功能介绍
HOW TO GUIDE符号名称
SYMBOL REFERENCE Λ

Lambda

 M

Mu

 N

Nu

 Ξ

Xi

 O

Omicron

 Π

Pi

ρ

Rho

σ

Sigma

τ

Tau

υ

Upsilon

ϕ

Phi

χ

Chi

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE

ψ

Psi

ω

Omega

\wedge

and

$\overline{\wedge}$

nand

\curlywedge

curly and

\vee

or



nor



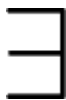
xor



curly or



not



there exists



for all

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



there does not exist



karp reduction



succeeds



because



therefore



partial derivative



nabla



diamond operator



ring



Laplacian



vector



ray

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



line



bar



hat



tilde



segment



dot



ddot

...

midline horizontal ellipsis

dots

⋮

down right diagonal ellipsis

⋮

vertical ellipsis

°

degree

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE
end of proof

similar

≈

asymptotic

≈

asymptotically equal

≈

approximately equal

≡

congruent

≡

equivalent

≡?

questioned equal

\neq

not equal

 \napprox

not almost equal

 \nasymp

not asymptotically equal

 \neq

not identical

 \neq
 ∞

mathx

 功能介绍
HOW TO GUIDE

 符号名称
SYMBOL REFERENCE

 \leq

less than or equal

 \geq

greater than or equal

 \cap

intersection

 \cap

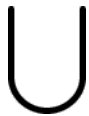
intersection

 \cap

double intersection

 \cup

union



union



double union



proper subset



subset



double subset



not proper subset

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE



not subset



proper superset



subset not equal



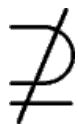
superset



double superset



not proper superset



not superset



element



superset not equal



not element



contains



not contains

mathx

 功能介绍
HOW TO GUIDE

 符号名称
SYMBOL REFERENCE


multiset



natural numbers



integers



rational numbers



real numbers



complex numbers

\mathbb{P}

prime numbers

\mathbb{W}

whole numbers

\mathbb{I}

irrational numbers

\mathfrak{I}

imaginary part

\mathbb{H}

quaternion

\mathfrak{R}

real part

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE

\mathbb{C}

complement

\aleph

aleph

\beth

beth number

\mathbb{P}

projective space

\emptyset

empty set

\setminus

set minus

∞

infinity

\hbar

h bar

h

Planck constant

\wp

weierstrass power set

mathx

功能介绍
HOW TO GUIDE

符号名称
SYMBOL REFERENCE