

Z+Z 智能教育平台-超级画板

“方便面” 介绍



超级画板官方 QQ 群



官方网站

广东省数学教育软件工程技术研究中心

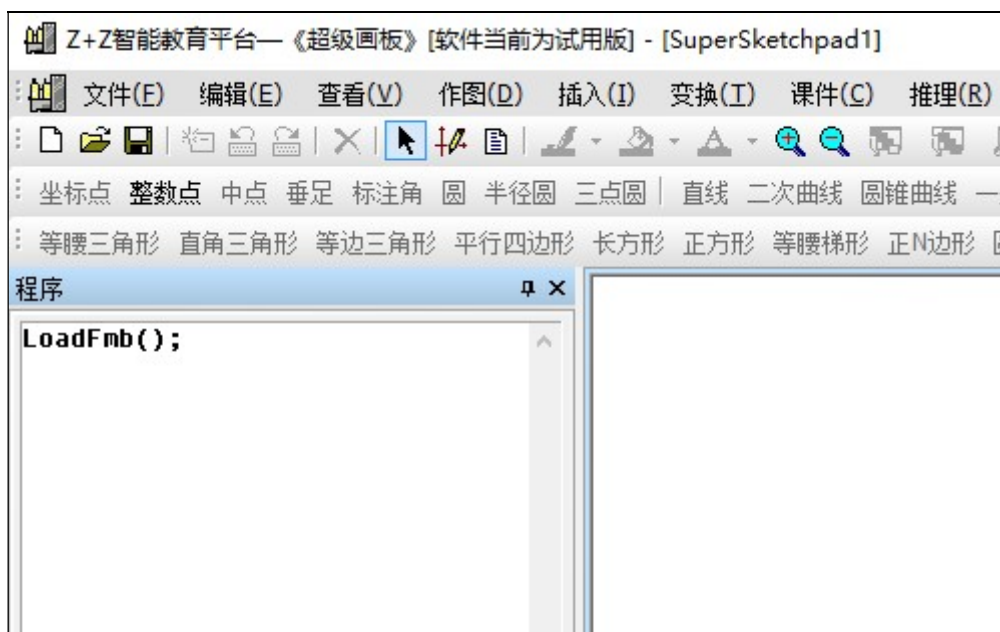
广州大学数学教育软件研究中心

广州景中教育软件有限公司

<http://ssp.gzhu.edu.cn>

1.

LoadFbm();



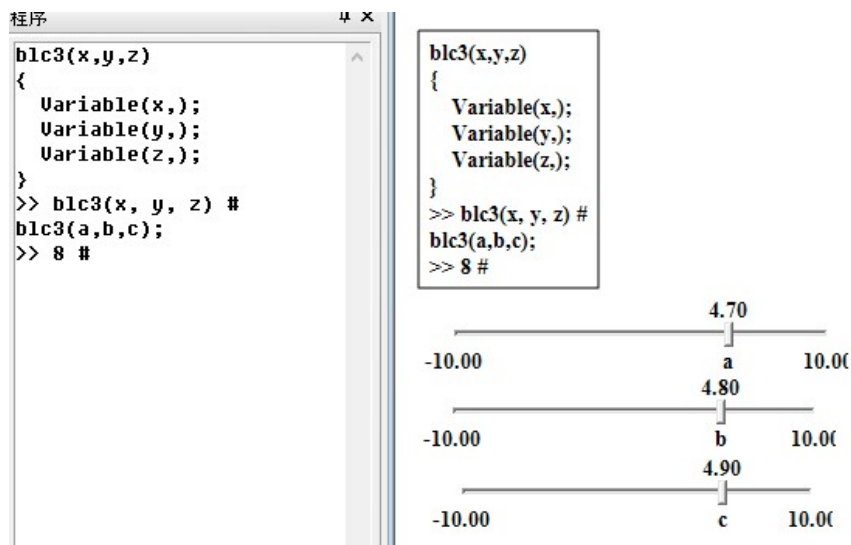
CTRL + ENTER

2.

$$y = ax^2 + bx + c$$

$$y = A \sin(\omega x + \varphi)$$

$$x^2 + y^2 + Dx + Ey + F = 0$$



3.

zbd(x,y)
(u,v) zbd1(A,B,u,v)
(P Q a t) xzd(P,Q,t,a)
dbfd(A, B, v)
N ndfd(A,B,n)
ryfx(A,B)
ryfh(A,B,J)
ryfy()
ryfy1(A,B)
fjd(A, B, C)
3 dbxd(A,B,C)
4 dbxd4(A,B,C,D)
5 dbxd5(A,B,C,D,E)
6 dbxd6(A,B,C, D,E,F)

yzdd(C)

yzjd(C)

yzzx(C)

ybs(E)

gqx(C1,C2)

bjz(A,B,C)

bxz(L,n)

dxs(A, k)

jjs(x, y)

(A) qx(A)

yzqx(A,C)

() jjx(C)

() zx(C)

djy(O,r)

1 djy1(O,A,B)

3 sdh(A,B,C)

3 sdy(A,B,C)

ysh(A, B, C)

zfx()

1 zfx1(A)

2 zfx2(A,B)

z4x(A,B)

z3x()

1 z3x1(A)

2 z3x2(A,B)

n znx(n)

n 1 znx1(A)

n 2 znx2(A,B,n)

pxx(A,B,C)

ynx(P,O,n)

ywx(P,O,n)

wqt()

3 kl3(a,A,B,C)

4 kl4(a,A,B,C,D)

5 kl5(a,A,B,C,D,E)

hsb(A,a,b,n)

1 hsb1(A,a,b,n)

eff()(myf(x))

hshb(A,B)

jzx(R)

csx(X,Y,t)

2 fdhs2(A,B,a,b,c)

```

    3 fdhs3(A,B,C,a,b,c,d)
( )      yzx(E)
    sqx(a,b)
    y sqy(a,b) }
    ty(a,b)
        wdx (A, B, C, D, E)
    gj(A,B)
2  gj2(A,B,C)
3  gj3(A,B,C,D)
4  gj4(A,B,C,D,E)
    ( ) 3      ckx()
    ( ) ckxg()
    fkz()
(5 ) 2      ckx1()
(k-   R-   h-   c-   )clx(k,R,h,c)
    1(k-   R-   h-   c-   ,(u,v)-
)clx1(k,R,h,c,u,v)
    ( ) clz()
    ( ) cld()
    thx()
    A B th(A,B)

py(Dx,A,B)

```

1 py1(Dx,a,b)
(Dx- O- A-) xz(Dx,O, A)
xz2(a, b, z, A)
xz3(a, b, c, z, A)
xz4(a, b, c, d, z, A)
xz5(a, b, c, d, u, z, A)
xz6(a, b, c, d, u, v, z, A)
xz7(a, b, c, d, u, v, s, z, A)
xz8(a, b, c, d, u, v, s, w, z, A)
xz9(a, b, c, d, u, v, s, w, p, z, A)
xz10(a, b, c, d, u, v, s, w, p, q, z, A)

fs(Dx,a1,b1,x0,a2,b2,y0)
1 fs1(Dx,A,B,C,D,E,F)
qyc(R1,R2)
qyb(R1,R2)
qyh(R1,R2)
qyj(R1,R2)
ws(D,P,k)
ws2(D,E,P,k)
ws3(D,E,F,P,k)
ws4(D,E,F,G,P,k)

ws5(D,E,F,G,H,P,k)

kbb("Text")

bg(m, n)

blc(x)

2 blc2(x,y)

3 blc3(x,y,z)

4 blc4(x,y,z,w)

tjb (m, n)

tjbggl(A, B)

dzn(T){Button(T);}

bln(A,B)

3 bln3(A,B,C)

4 bln4(A,B,C,D)

5 bln4(A,B,C,D,E)

6 bln5(A,B,C,D,E,F)

cln(A,B)

3 cln3(A,B,C)

4 cln4(A,B,C,D)

5 cln5(A,B,C,D,E)

6 cln6(A,B,C,D,E,F)

cbds(E)

x cdxzb(p)

y cdyzb(p)

cdzb(p)

cdjzb(p)

cjfh(F)

cjsh(F)

cjfxh(F)

cszjf(F)

cqxj (L)

czxjj (L1,L2)

cxl (L)

cxjs (L)

cybfc(C)

cyzbzfc(F)

czxjjs (L)

czxybs (L)

c(n,k)

djf(A,x,a,b)

() zgzs(E)

zk(E)

ds(A,x)

dtbds(E, x, E1)

fj(E)

jc(n)

jf(F,x)

$xs(P,x,n)\{Coeff(P,x,n);\}$

$xs(P, n)\{Coeff(P,x,n);\}$

jgcx(n)

yh(m)

(2), hls2(a,b,c,d)

(3), hls3(a,b,c,p,q,r,x,y,z)

(4), hls4(a,b,c,d,p,q,r,s,x,y,z,w,k,l,m,n)

(1 1 F a*x+bx) fc11(F)

(2 1 x F G a*x+b*y+c) fc21x(F,G)

(2 1 y F G a*x+b*y+c) fc21y(F,G)

(2 1 x y F G a*x+b*y+c) fc21(F,G)

(3 1) fc31(A,B,C)

(3 1 x) fc31x(A,B,C)

(3 1 y) fc31y(A,B,C)

(3 1 z) fc31z(A,B,C)

(1 2) fc12(E)

(1 2 x1) fc121(E)

(1 2 x2) fc122(E)

dch(a,d,n)

mi(q,n)

dbh(a,q,n)

pfh(n){n*(n+1)*(2*n+1)/6;}

fsc(z1,z2)

3 fsc(z1,z2,z3)

fsd(Z)

fsh(z1,z2)

fsg(p,n,k)

3 fsh3(z1,z2,z3)

4 fsh4(z1,z2,z3,z4)

5 fsh5(z1,z2,z3,z4,z5)

fsj(z1,z2)

3 fsj3(z1,z2,z3)

4 fsj4(z1,z2,z3,z4)

fsm(z,n)

fss(z1,z2)

3 fss3(z1,z2,z3)

4 fss4(z1,z2,z3,z4)

ges(z)

cs()

fcs(x)

a cbj(a)

(a cbj(a) a m099)

jsq()

(t 0

1 1 t 0 t

1

)

() js(u)

() yd(w,A,B) w A

B

() zd(w,A,t) w A

zd2(a, b, z, t)

zd3(a, b, c, z, t)

zd4(a, b, c, d, z, t)

zd5(a, b, c, d, u, z, t)

zd6(a, b, c, d, u, v, z, t)

zd7(a, b, c, d, u, v, s, z, t)

zd8(a, b, c, d, u, v, s, w, z, t)

zd9(a, b, c, d, u, v, s, w, p, z, t)

zd10(a, b, c, d, u, v, s, w, p, q, z, t)