班级:

姓名:

编号

t .

习题3.1

2.0)·{<1,<2,3>>,<2,<3,4>>,<3,<1,4>>,<4,<1,4>>} 与部分函数 与定义域为:{1,2,3,4} 值域为:{<2,3>,<3,4>,<1,4};

C)·{〈1,〈2,3〉〉,〈2,〈3,4〉〉,〈1,〈2,4〉〉} 与不是部分函数。

5. a). 差A,BEP(X), 则f(A-B)2f(A)f(B), 不能A=代替2 切0A:

与对任意YEFCAJ-FCBJ,则YEFCA)且Y&FCBJ,图为YEFCAJ,所以存在XEA使得f(x)=Y。及图为Y&FCBJ,所以X&B。反证法,假证从XEB,则f(x)efCBJ,而Y=f(x),所以YEFCBJ。矛盾。所以XEA-B。因此,Y=f(x)efCA-BJ。于是f(A-BJ)=FCAJ-FCBJ。

二不能代替三届友何,

気×={x,,x2}, Y={y}, f={<x,,y>, くx2,y>}。

A={x,, x2}, B={x3.

My fla-B) = {y}, To flan-flb) = Ø.

b) 差 c, o e e(y), nuftc-o)=ftco-fto)。

{(maxx) (maxx) (

[((23).13./(23)

6·)a).f={\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda\),\(\lambda

b.) ranf={-2,-1,0,1,2}

d.).

1000

off = Cost-cast of the