

①自重 (kaiwa1)

```
time,1
nropt,full,,
deltim,100,20,1000
allsel,all
outres,all,all
save
esel,s,type,,2
ekill,all
esel,s,type,,3
ekill,all
esel,s,type,,4
ekill,all
esel,s,type,,5
ekill,all
save
allsel,all
solve
save
```

②第一次开挖 (kaiwa2)

```
time,2
esel,s,type,,2
ealive,all
esel,s,type,,3
ealive,all
esel,s,type,,6
ekill,all
save
allsel,all
solve
save
```

③第二次开挖(加第一层锚索) (kaiwa3)

```
time,3
esel,s,type,,4
ealive,all
save
allsel,all
solve
save
```

④第三次开挖 (kaiwa4)

```
time,4
```

```
esel,s,type,,7
ekill,all
save
allsel,all
solve
save
```

⑤第四次开挖（加第二层锚索）（kaiwa5）

```
time,5
esel,s,type,,5
ealive,all
save
allsel,all
solve
save
```

⑥第五次开挖（kaiwa6）

```
time,6
esel,s,type,,8
ekill,all
save
allsel,all
solve
save
```

后处理  
esel,s,live

/post1

plnsol,u,y,0,1   !Y 方向位移

plnsol,s,y,0,1   !Y 方向应力

plnsol,u,x,0,1   !x 方向位移

plnsol,s,x,0,1   !x 方向应力

plnsol,s,1,0,1   !第一主应力

plnsol,s,3,0,1   !第三主应力

plnsol,eppl,eqv,0,1   !塑性区

/post1  
etable,,smisc,6  
etable,,smisc,12  
etable,,smisc,1  
etable,,smisc,7  
etable,,smisc,2  
etable,,smisc,8

plls,smis6,smis12   !弯矩图

plls,smis1,smis7   !轴力图

plls,smis2,smis8   !剪力图

/post1  
lcdef,1,1,,  
lcdef,2,2,,  
lcase,2,  
lcoper,sub,1,,,