```
c------( clc )------
c                              modified by morijiri
      dimension m(60000)
      double precision q(500,501)
c
      open(10,file='E:\data5\crs.txt',status='old')
      open(20,file='E:\data5\clc-res.txt')
c
c----------- na:tate, nb:yoko
            read(10,*) na,nb
      n = na + nb
      mab=na*nb
      do 100 i=1,mab
         m(i) = 0
  100 continue
      do 200 j=1,nb
      do 200 i=1,na
         read(10,*) ka,kb,dm
         ka=abs(ka)
         kb=kb+na
         m(ka) = 1
         m(kb) = 1
  200 continue
      rewind 10
      k = 0
      do 300 i=1,mab
         if(m(i).eq.0) go to 300
         k = k + 1
         m(i) = k
  300 continue
      do 400 i=1,k
         q(i,k+1) = 0.
      do 400 j=1,k
         q(i,j) = 1.
  400 continue
      read(10,*) na,nb
      f=1
      do 500 j=1,nb
      do 500 i=1,na
         read(10,*) ka,kb,dm
         ka=abs(ka)
         kb=kb+na
         kka = m(ka)
         kkb = m(kb)
```

```fortran
      if(dm.eq.999) go to 500
      if(kka.eq.0.or.kkb.eq.0) go to 500
       q(kka,kka) = q(kka,kka) + f
       q(kka,kkb) = q(kka,kkb) - f
       q(kkb,kkb) = q(kkb,kkb) + f
       q(kkb,kka) = q(kkb,kka) - f
       q(kka,k+1) = q(kka,k+1) + f*dm
       q(kkb,k+1) = q(kkb,k+1) - f*dm
  500 continue
c     rewind 10
      do 600 i=1,k
      do 600 j=i,k
         if(q(i,i).eq.0) write(6,*) i
        q(i,j+1) = q(i,j+1) / q(i,i)
      do 600 ii=1,k
        if(i.eq.ii) go to 600
        q(ii,j+1) = q(ii,j+1) - q(i,j+1)*q(ii,i)
  600 continue
      do 700 i=1,n
        kk = m(i)
        if(kk.eq.0) go to 70
        f = q(kk,k+1)
       write(20,1000) i,f
      go to 700
   70 f = 0.
      write(20,1000) i,f
  700 continue
      close(10)
      close(20)
      stop
c
 1000  format(i5,f8.1)
      end
```