

```
1      do izeta = 1,Nlayers ! number of layers
2      !!! selects given planes
3          do jz = -minz-maxz,maxz+minz ! g-g'
4              if ( jz==0 ) then
5                  cf(jz,izeta)=cmplx(( deltab(izeta)+deltaf(izeta) )/Lslab,0.)
6              else
7                  Lg = Lslab* jz * b3(3)
8                  cf(jz,izeta)=-ci/Lg * ( exp(ci*Lg*(zeta(izeta)/Lslab + deltaf(izeta)/Lslab)) &
9                      -exp(ci*Lg*(zeta(izeta)/Lslab - deltab(izeta)/Lslab)))
10             endif
11         end do
12     end do
```