```
chn.Mesh=[10,10];                    // k-space mesh
chn.DiffVal=[10^-4];                 // small difference to avoid divergence
chn.DiffVec=[1,1];                   // differential vector to avoid divergence
============== PiLib Variable ==============
chn.tot_Chern, @full, sum over Chern number below HOMO band
ORDER=    0, SIZE=[    1,    1], TYPE=REAL

         1

    1.000000

============== PiLib Variable ==============
chn.HOMO_ind, @full, index of HOMO band
ORDER=    0, SIZE=[    1,    1], TYPE=INTEGER

       1

       1

============== PiLib Variable ==============
chn.ban_Chern, @full, Chern number of each band
ORDER=    0, SIZE=[    2,    1], TYPE=REAL

         1

    1.000000
   -1.000000

============== PiLib Variable ==============
chn.lat_field, @full, lattice field of each band at each k-point/(2*%pi*%i)
ORDER=   -2, SIZE=[    2,  100], TYPE=REAL
```