30 jobs
Radial Centered
Gamma

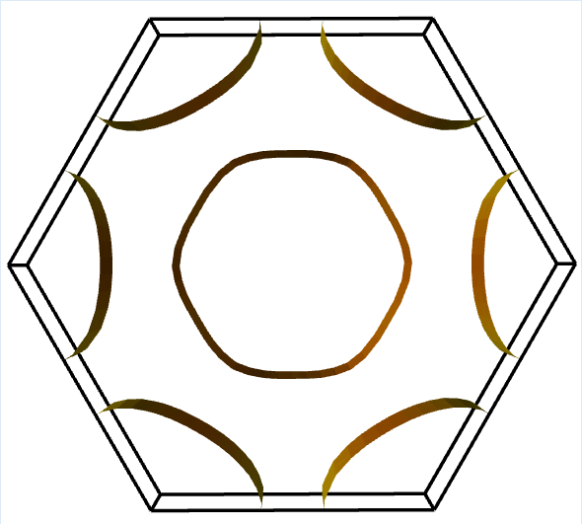
```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

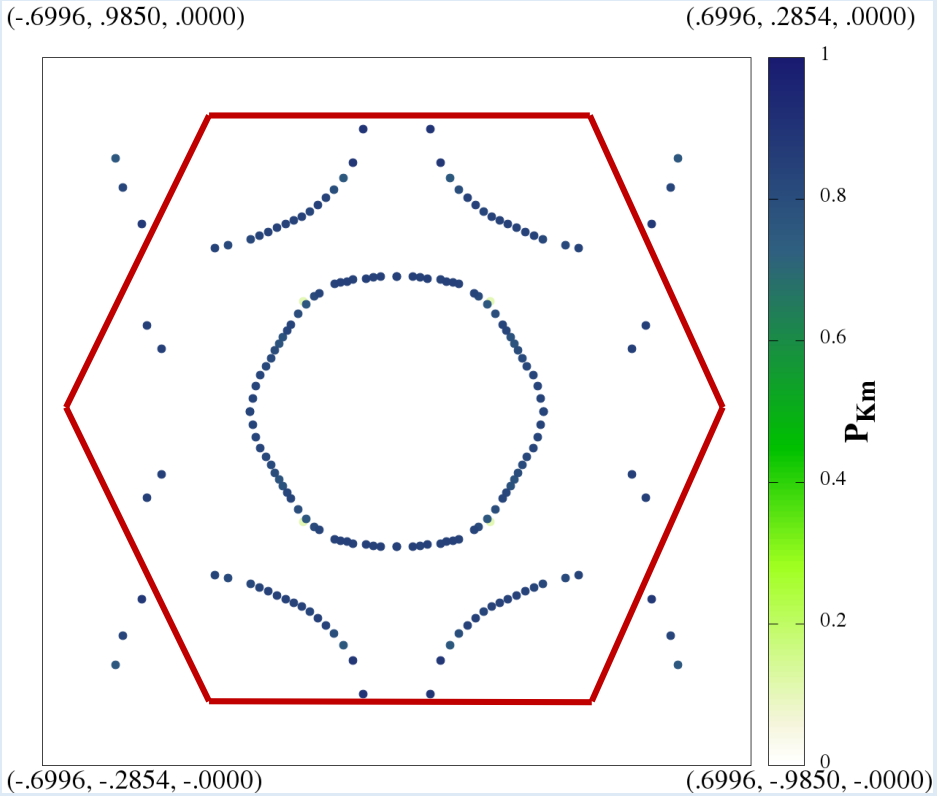
SIGMA = 0.03
SPECDELTA = 0.001

SYMPOINT1 = 0.0 0.0 0.0

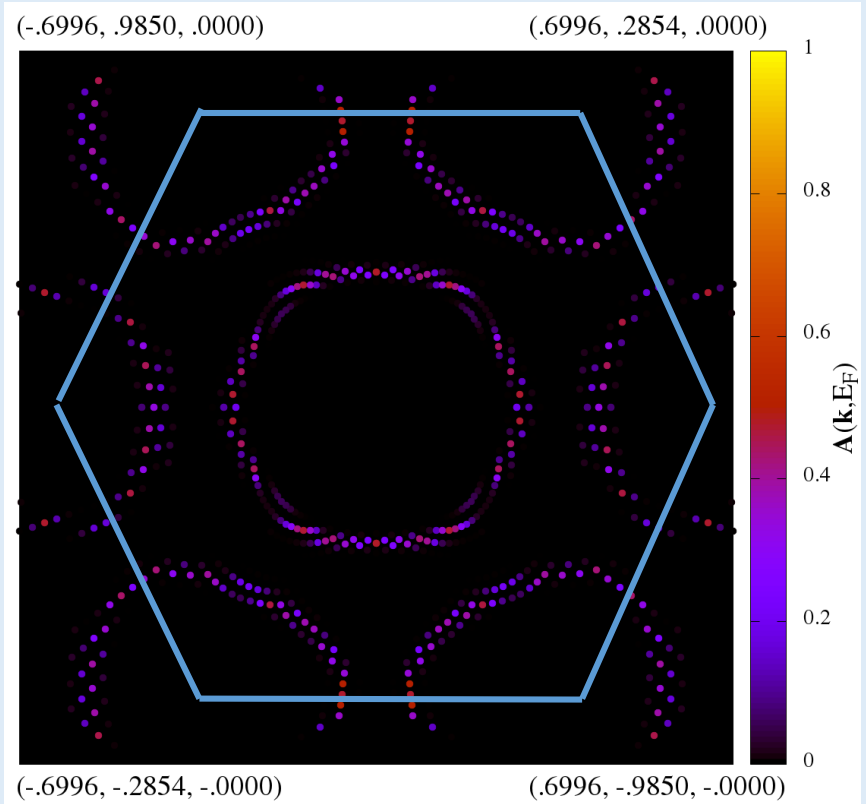
EDELTA1 = 3.0
EDELTA2 = 3.0



Fermi Surface (NbSe2 unit)



Fermi Surface (Unfolded)



Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

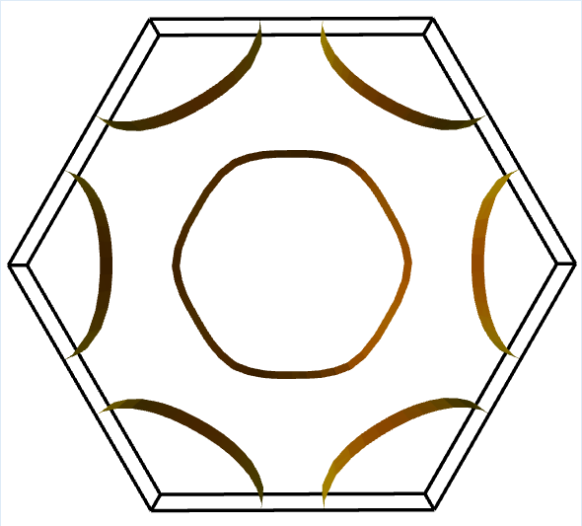
INPAR

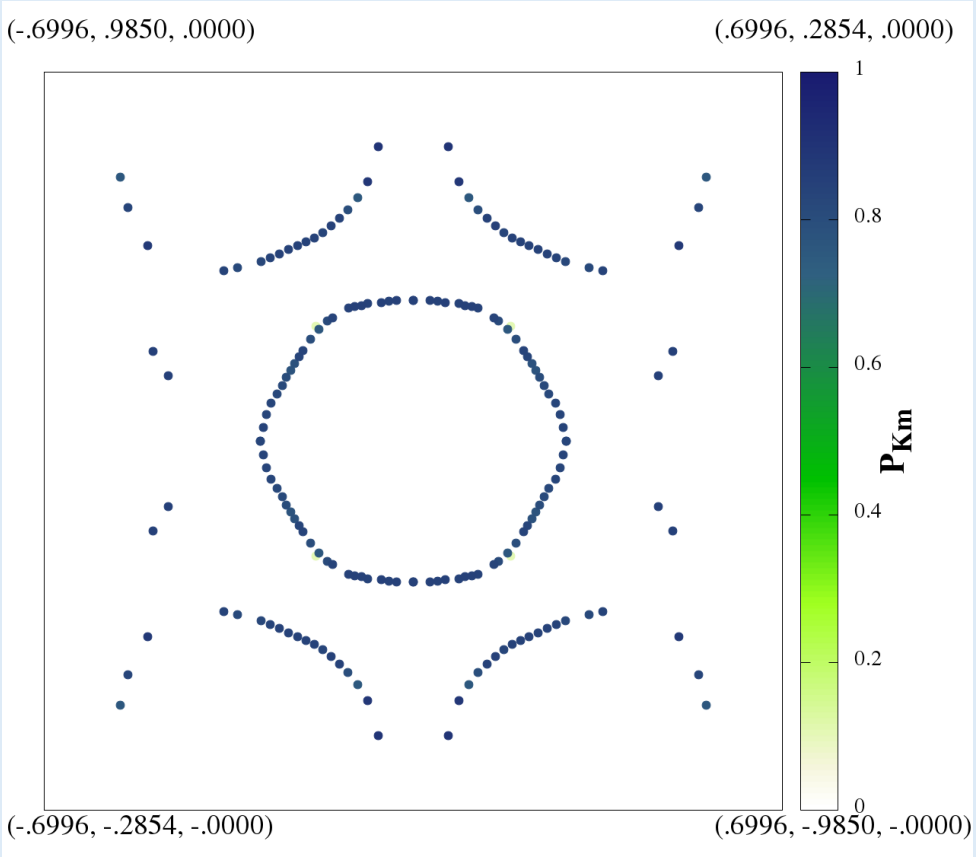
SIGMA = 0.03
SPECDELTA = 0.001

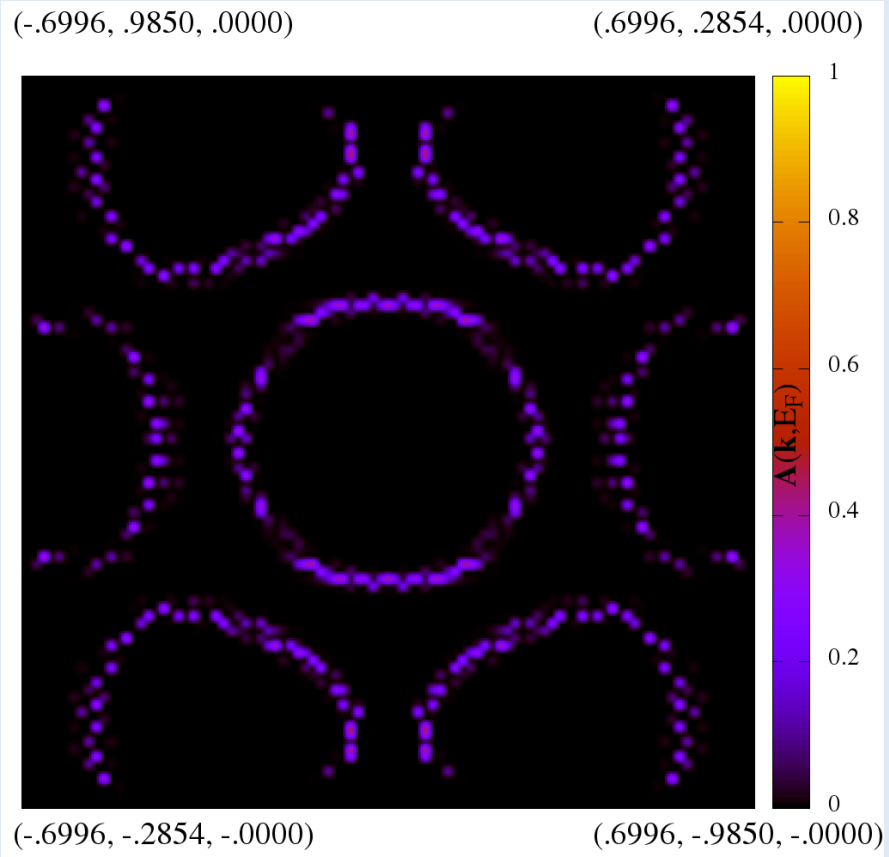
SLIMSPEC = .FALSE.

SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0







Fermi Surface (NbSe2 unit)

Fermi Surface (Unfolded)

Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

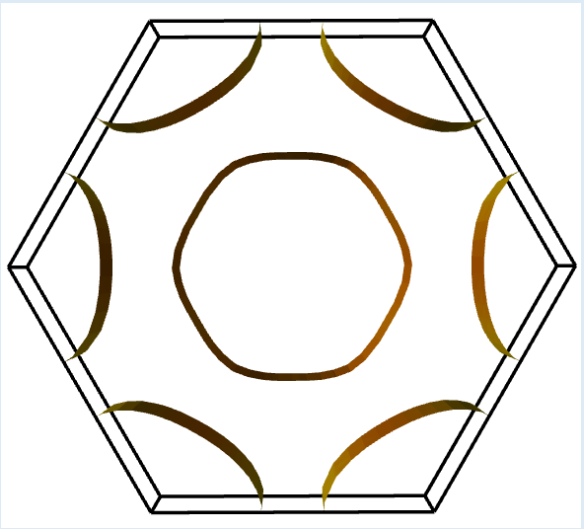
INPAR

SIGMA = 0.04
SPECDELTA = 0.0001

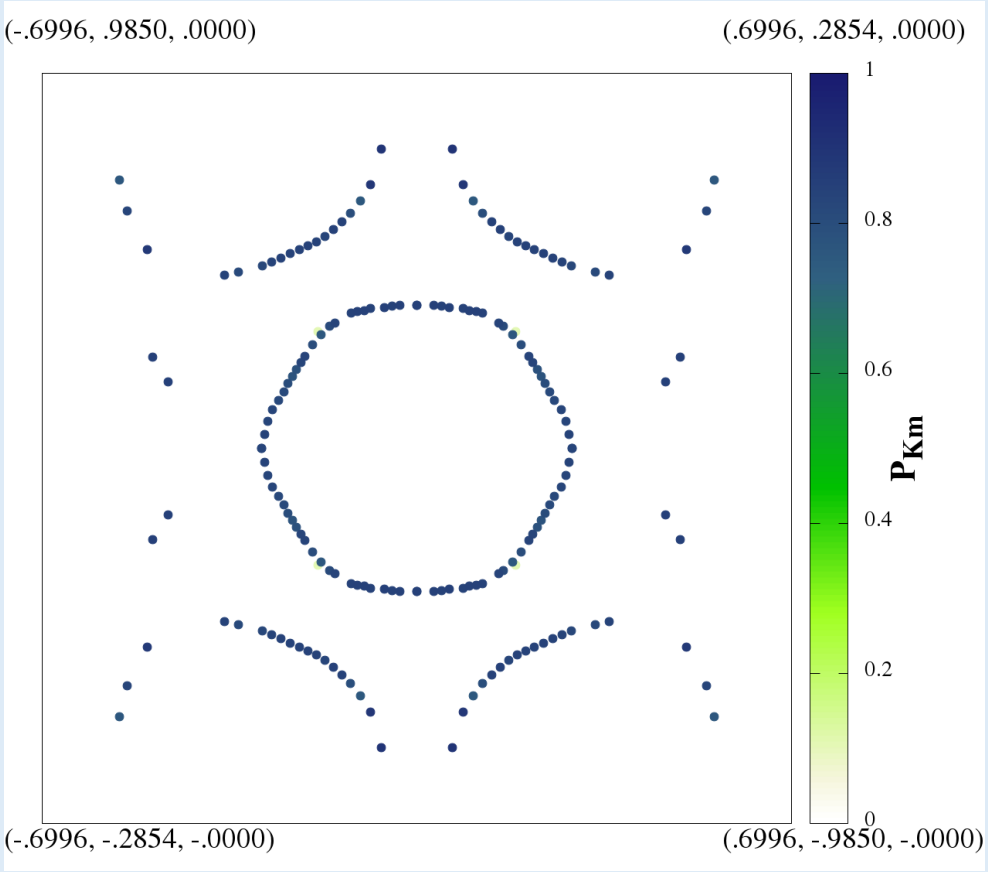
SLIMSPEC = .FALSE.

SYMPOINT1 = 0.0 0.0 0.0

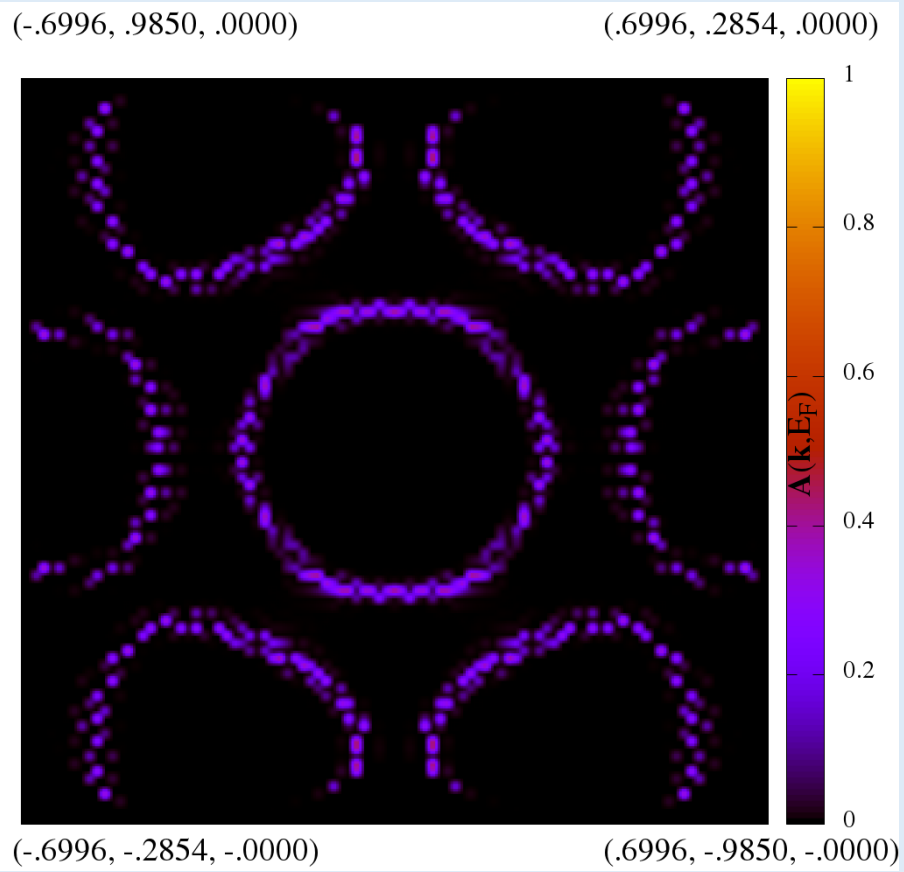
EDELTA1 = 3.0
EDELTA2 = 3.0



Fermi Surface (NbSe2 unit)

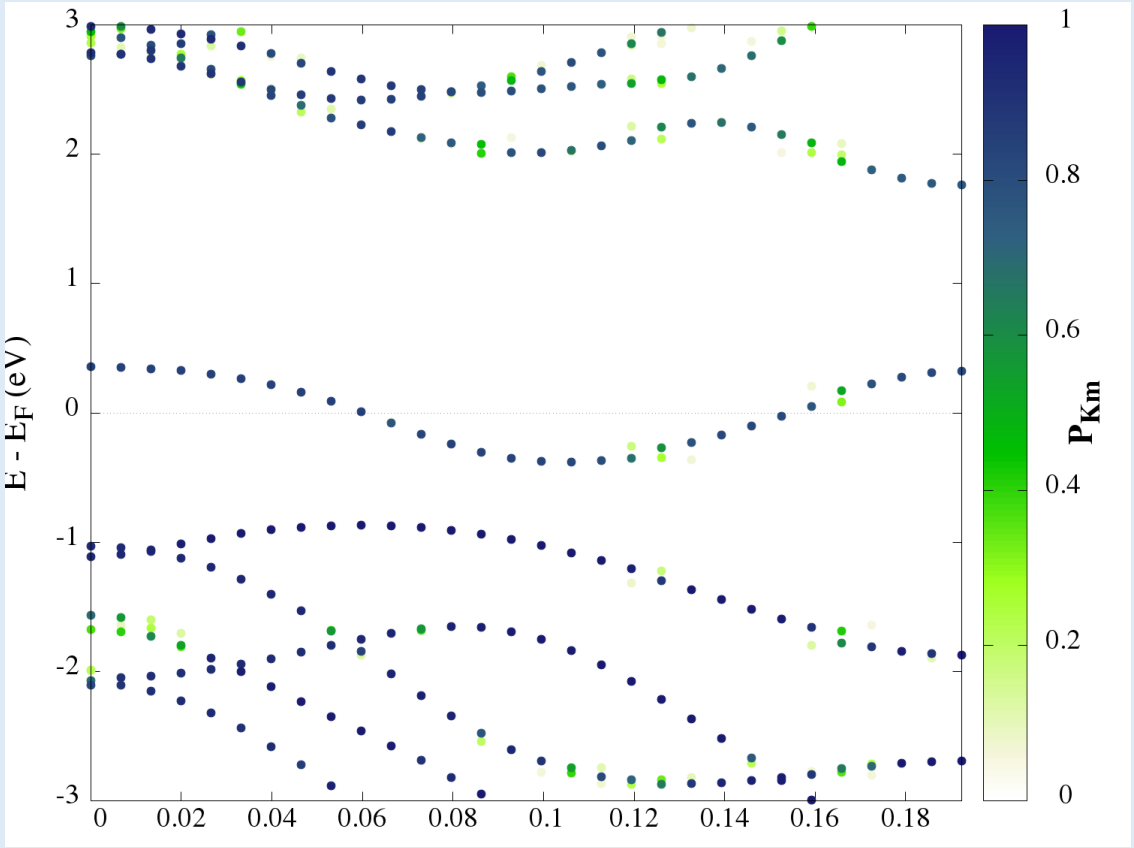


Fermi Surface (Unfolded)

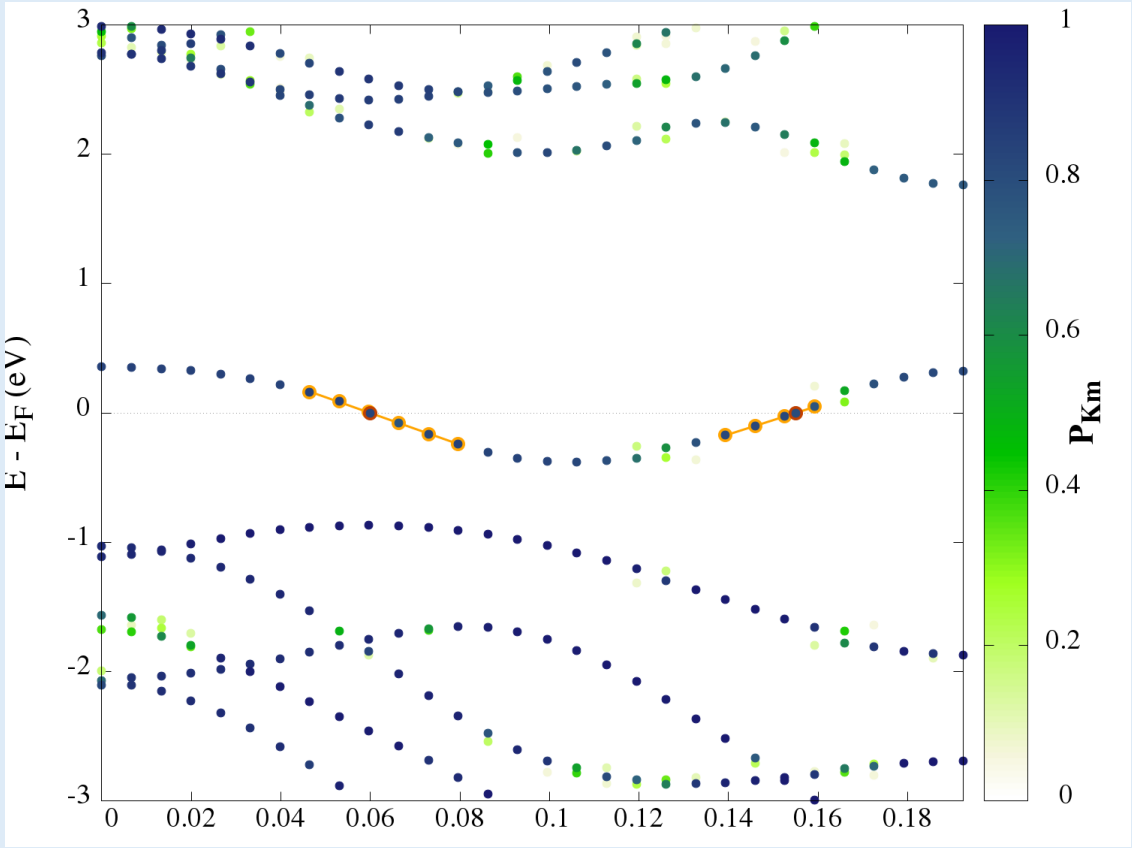


Fermi Surface Spectral Function (Unfolded)

EBSbloch



EBSbloch.processed



30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

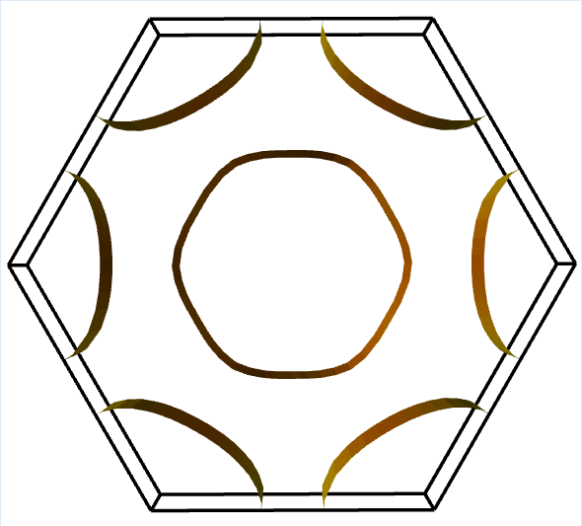
SIGMA = 0.04
SPECDELTA = 0.0001

SLIMSPEC = .FALSE.

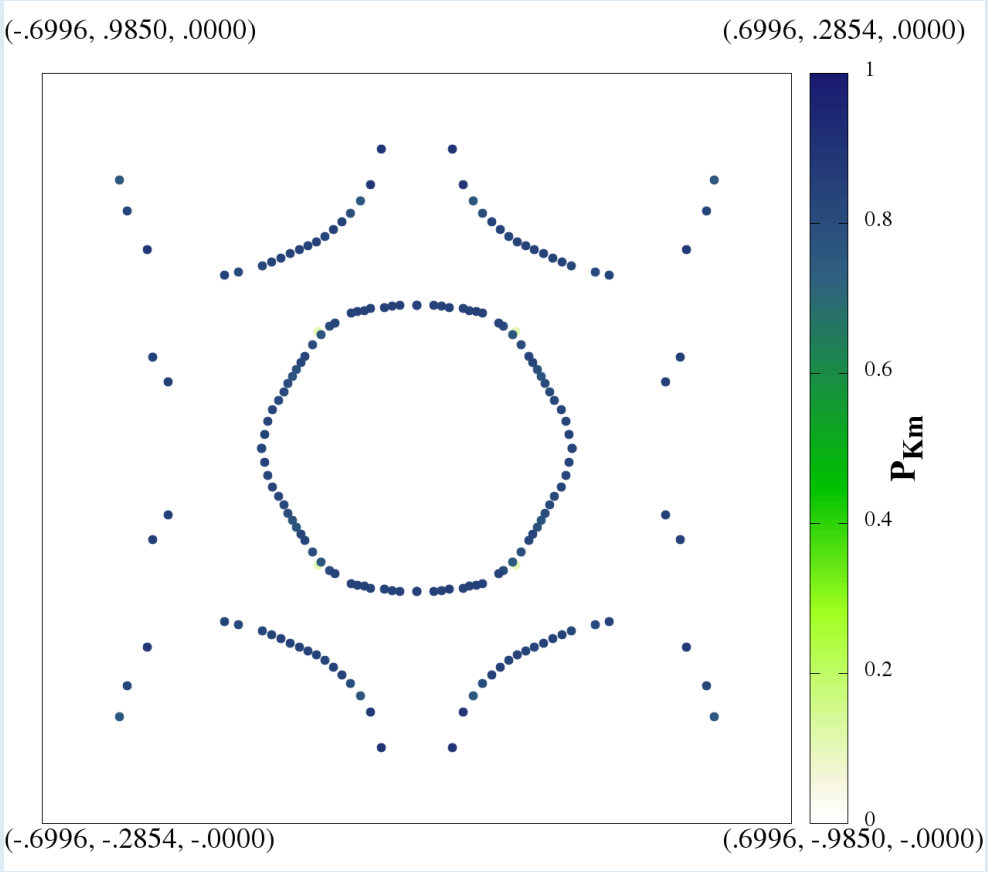
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

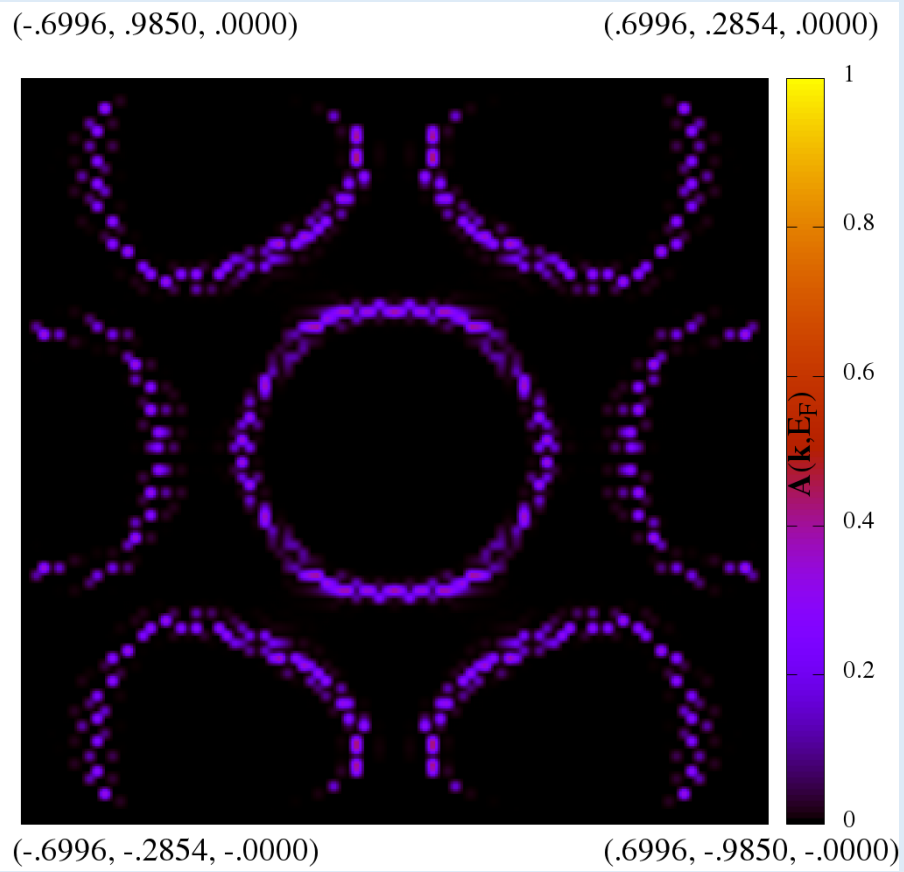
DBLOCH = 0.2
EGAP = 0.2
BLOCH_THRESHOLD = 0.05



Fermi Surface (NbSe2 unit)



Fermi Surface (Unfolded)



Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

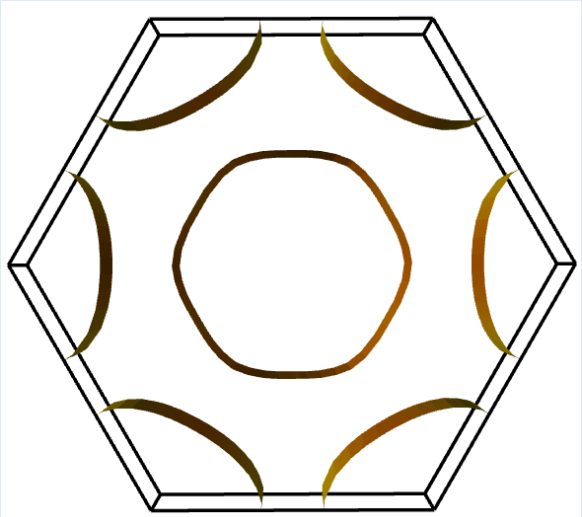
SIGMA = 0.04
SPECDELTA = 0.0001

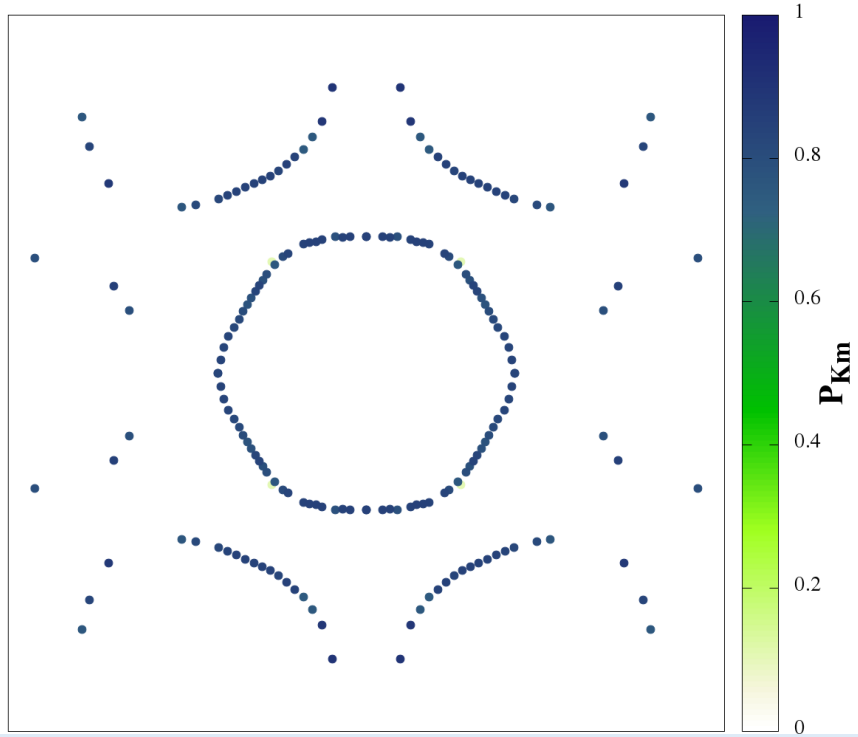
SLIMSPEC = .FALSE.

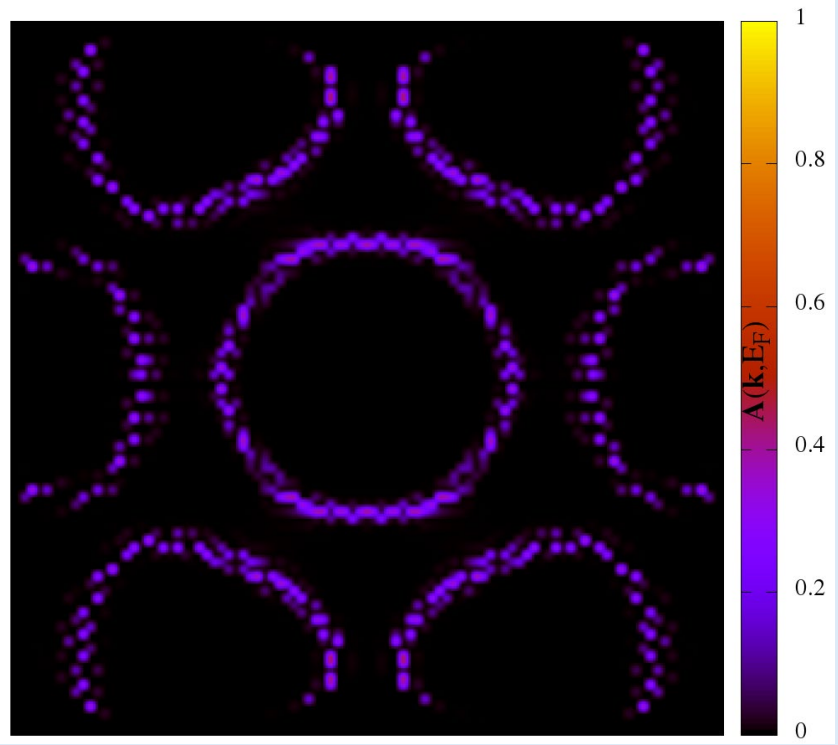
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

DBLOCH = 0.3
EGAP = 0.2
BLOCH_THRESHOLD = 0.05







Fermi Surface (NbSe2 unit)

Fermi Surface (Unfolded)

Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

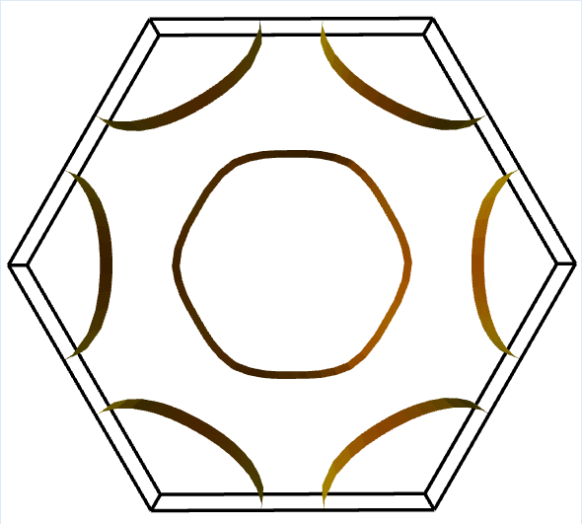
SIGMA = 0.04
SPECDELTA = 0.0001

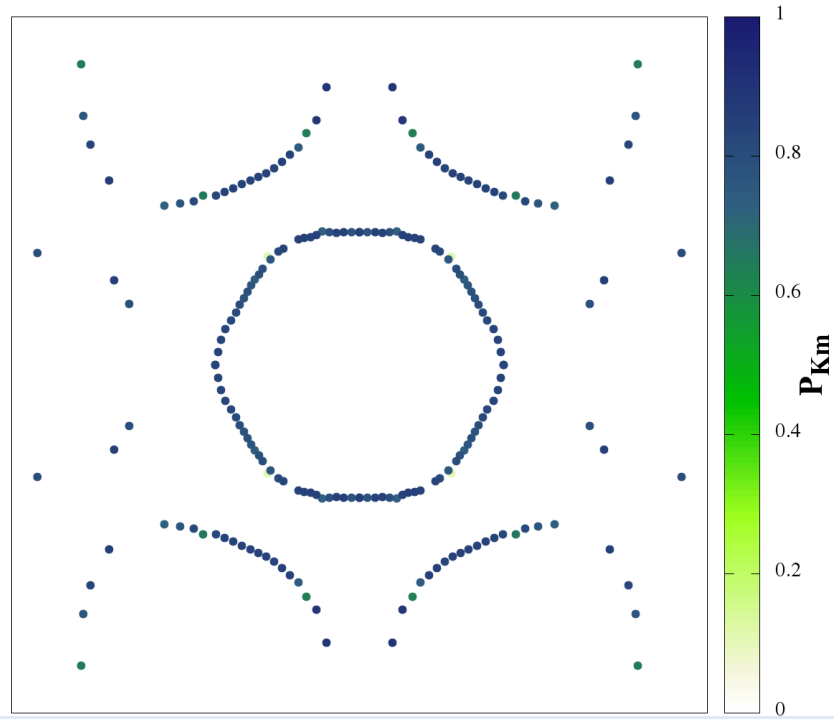
SLIMSPEC = .FALSE.

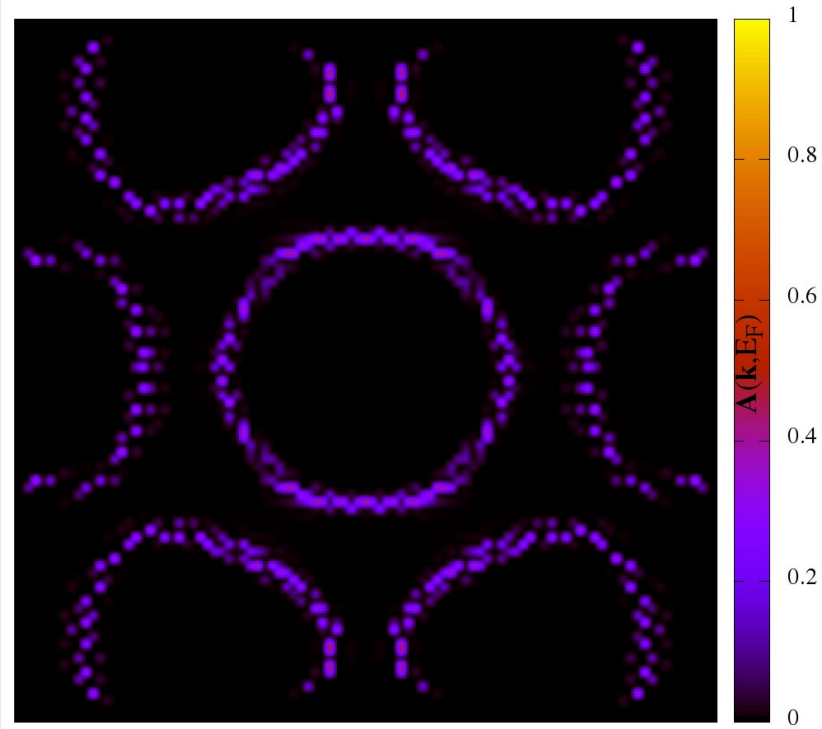
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

DBLOCH = 0.6
EGAP = 0.2
BLOCH_THRESHOLD = 0.05







Fermi Surface (NbSe2 unit)

Fermi Surface (Unfolded)

Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

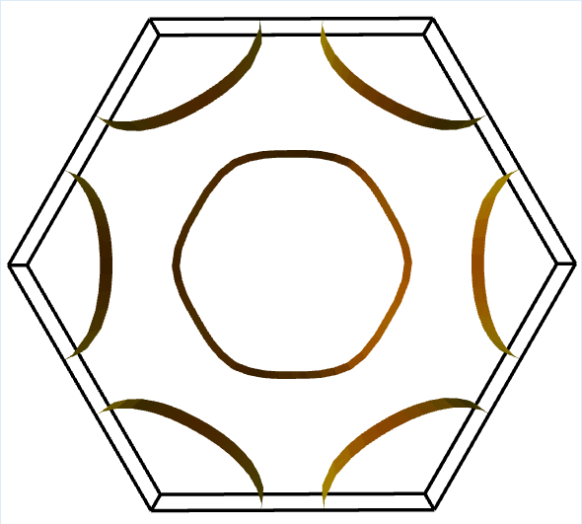
SIGMA = 0.04
SPECDELTA = 0.0001

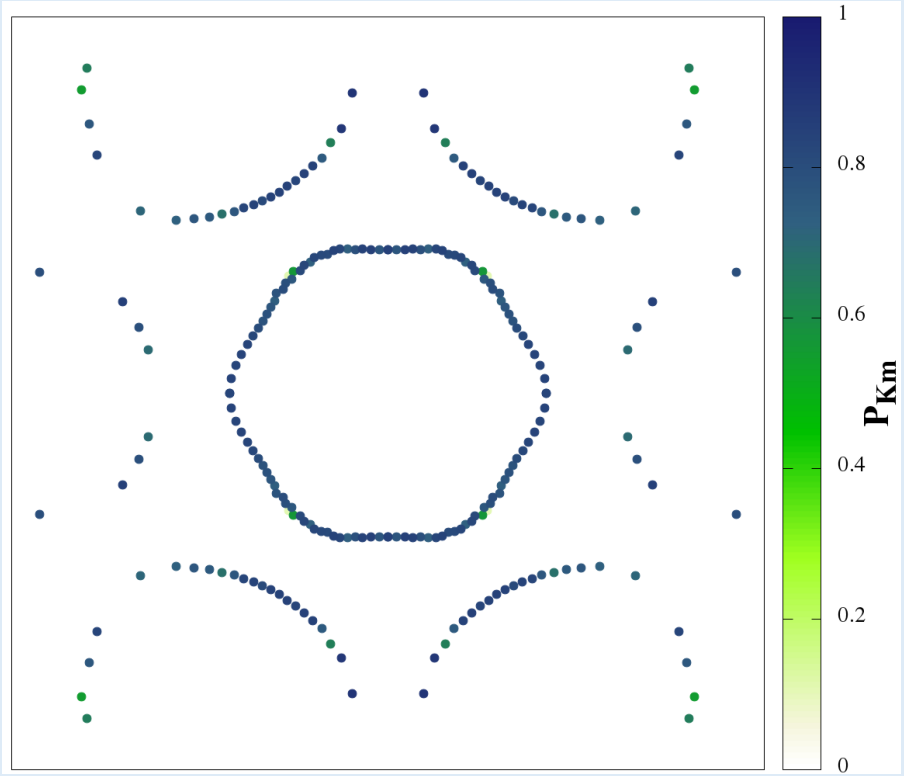
SLIMSPEC = .FALSE.

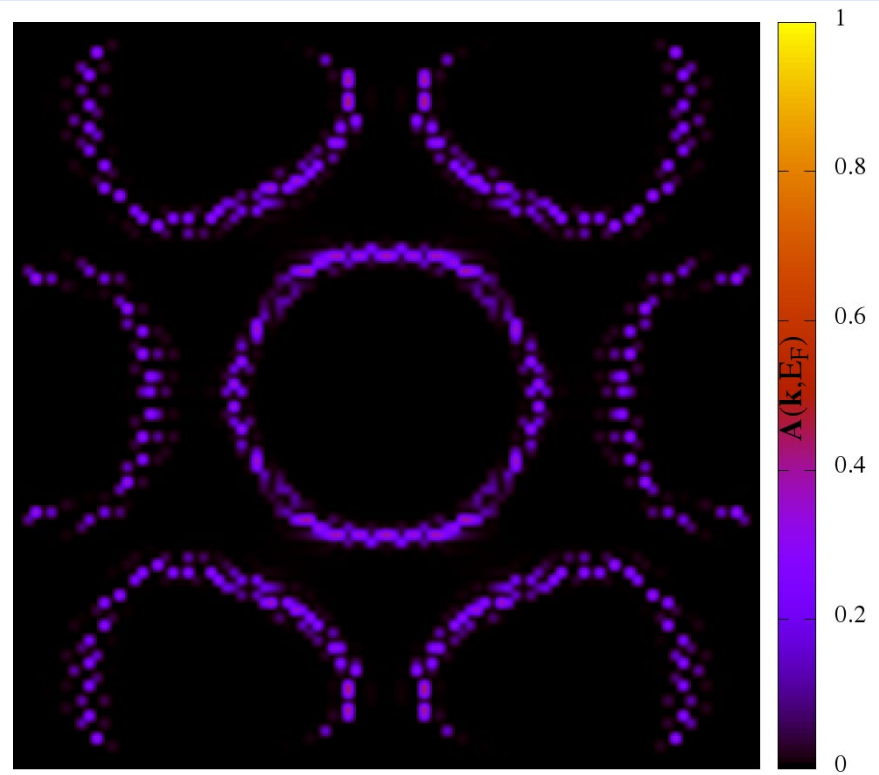
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

DBLOCH = 0.6
EGAP = 0.3
BLOCH_THRESHOLD = 0.05







Fermi Surface (NbSe2 unit)

Fermi Surface (Unfolded)

Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

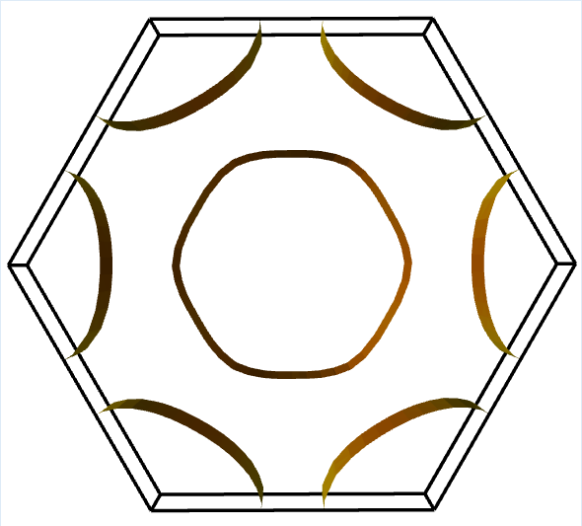
SIGMA = 0.04
SPECDELTA = 0.0001

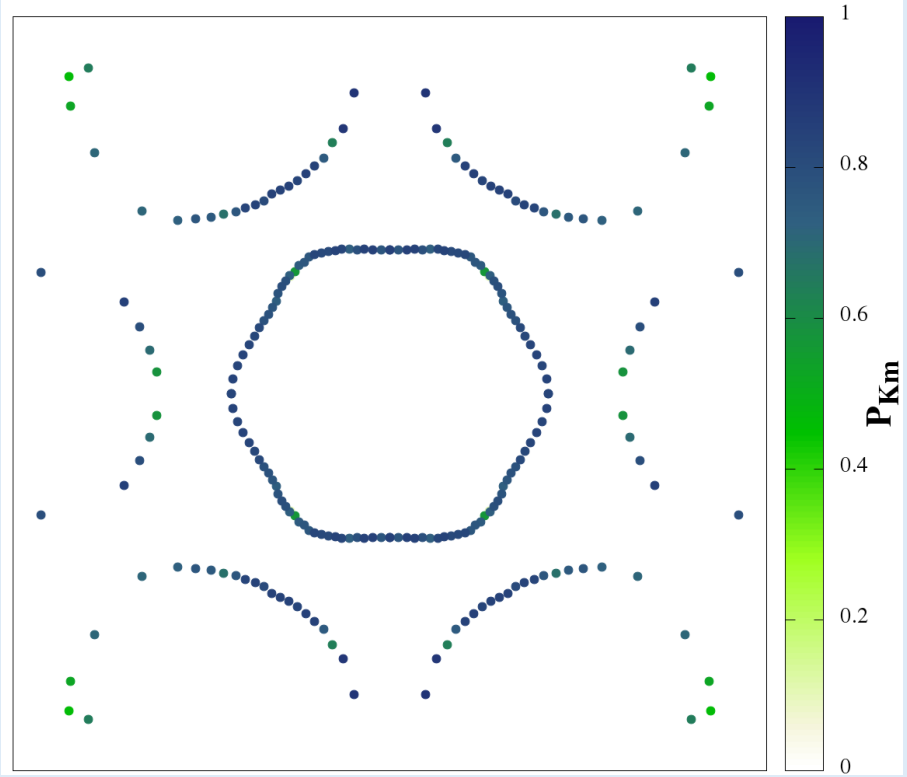
SLIMSPEC = .FALSE.

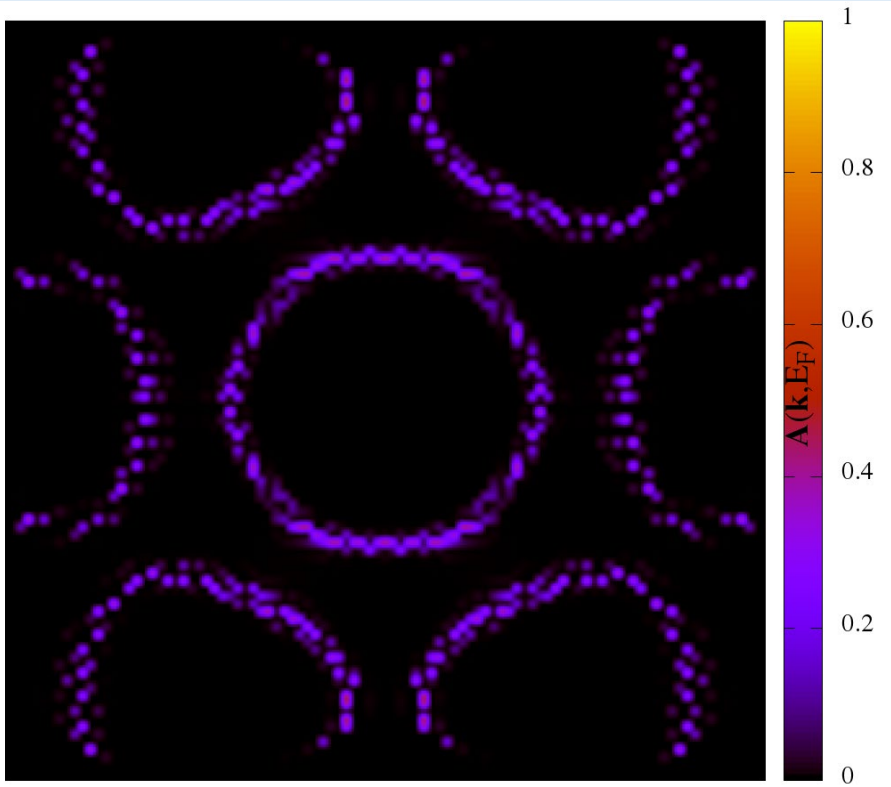
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

DBLOCH = 0.6
EGAP = 0.4
BLOCH_THRESHOLD = 0.05







Fermi Surface (NbSe2 unit)

Fermi Surface (Unfolded)

Fermi Surface Spectral Function (Unfolded)

30 jobs
Radial Centered
Gamma

```
k-gen
30
p
line
rec
#makepath
0.000000  0.000000  0.000000 ! Center
0.666666 -0.333333  0.000000 ! Start  Kbar
0.000000  0.500000  0.000000 ! End    Mbar
```

INPAR

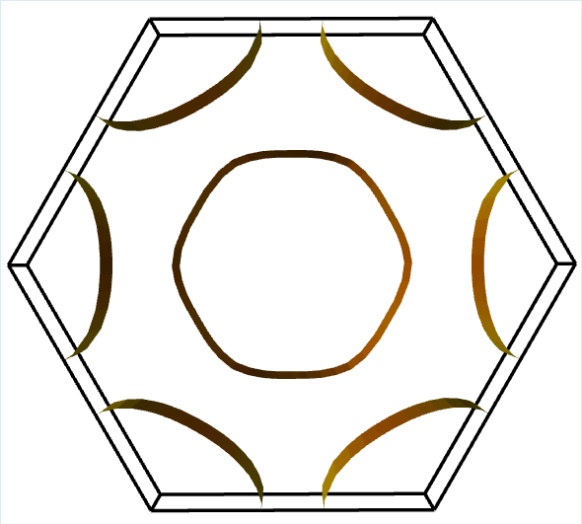
SIGMA = 0.04
SPECDELTA = 0.0001

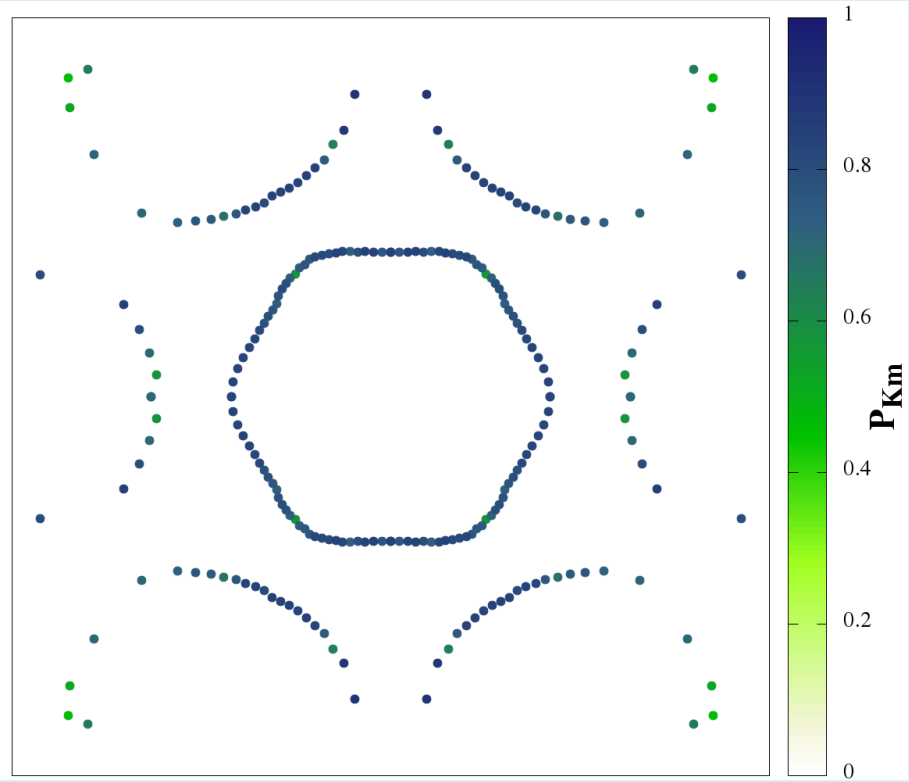
SLIMSPEC = .FALSE.

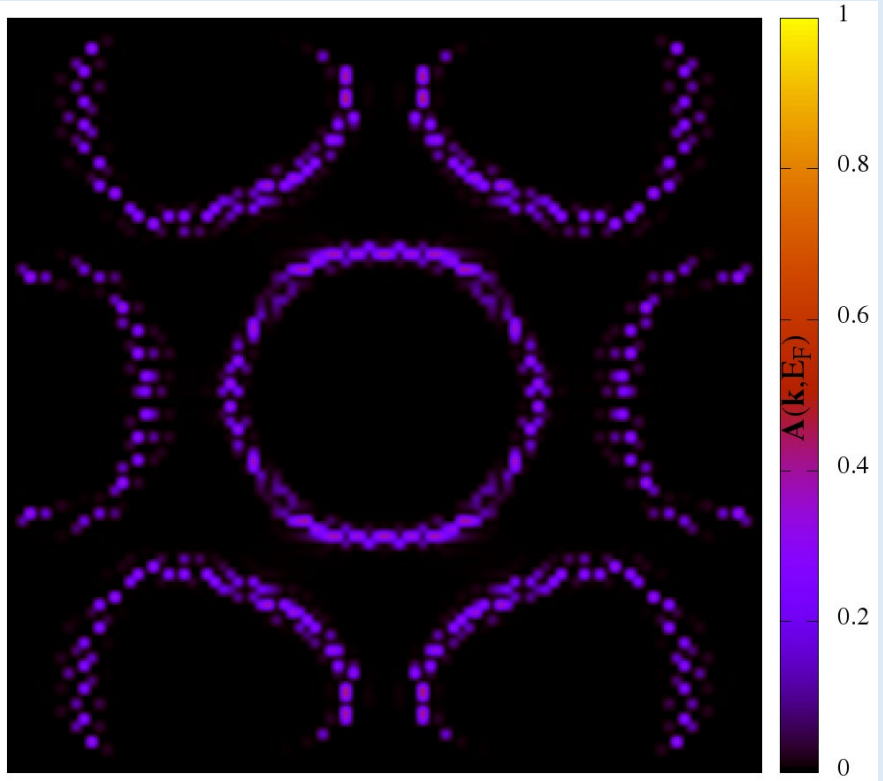
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

DBLOCH = 0.6
EGAP = 0.5
BLOCH_THRESHOLD = 0.05





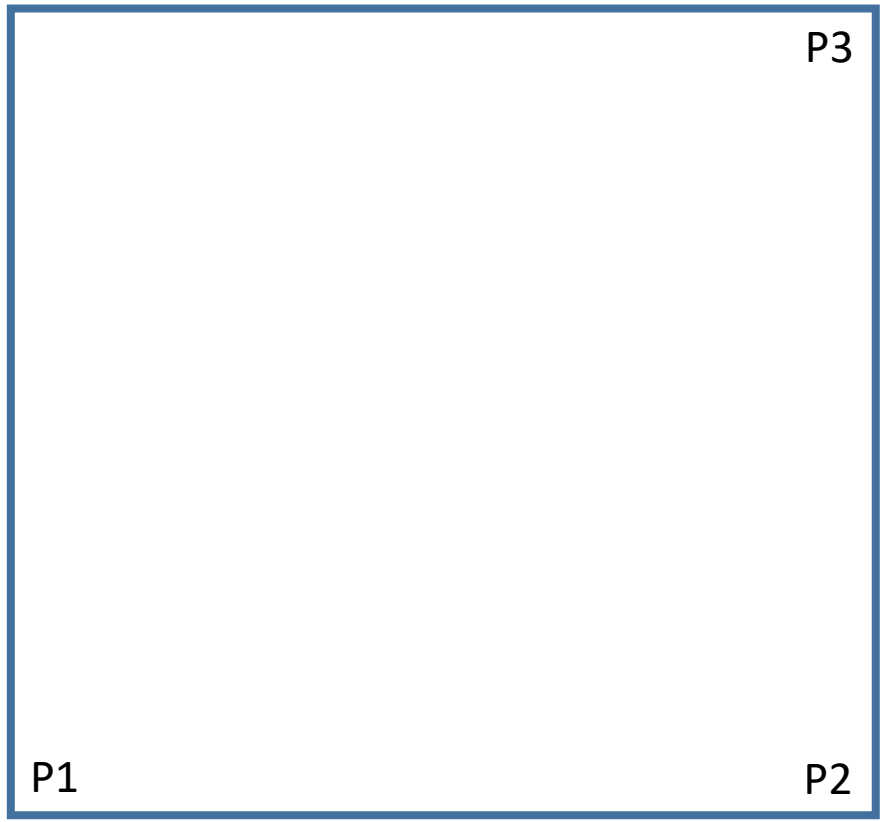


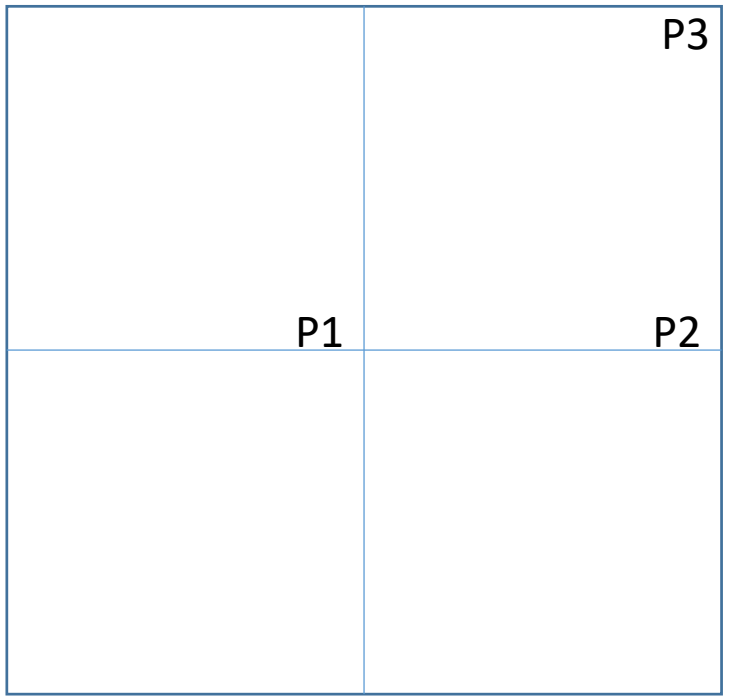
Fermi Surface (NbSe2 unit)

Fermi Surface (Unfolded)

Fermi Surface Spectral Function (Unfolded)

3rd Corner of Rectangle
Defines translational direction of lines





1st Corner of Rectangle
Calculation Start

2nd Corner of Rectangle
Defines path of line calculation

90 jobs
Radial Centered
Gamma

```
k-gen
60
p
line
rec
#makepath
0.000000000  0.000000000  0.000000000 ! Center
1.520233900 -0.760116950  0.000000000 ! Start  Kbar_extended
0.000000000  1.699673171  0.000000000 ! End    Mbar_extended
```

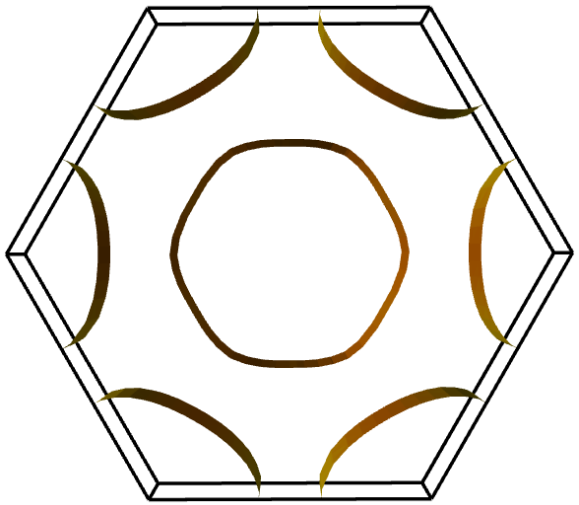
INPAR

SIGMA = 0.03
SPECDELTA = 0.001

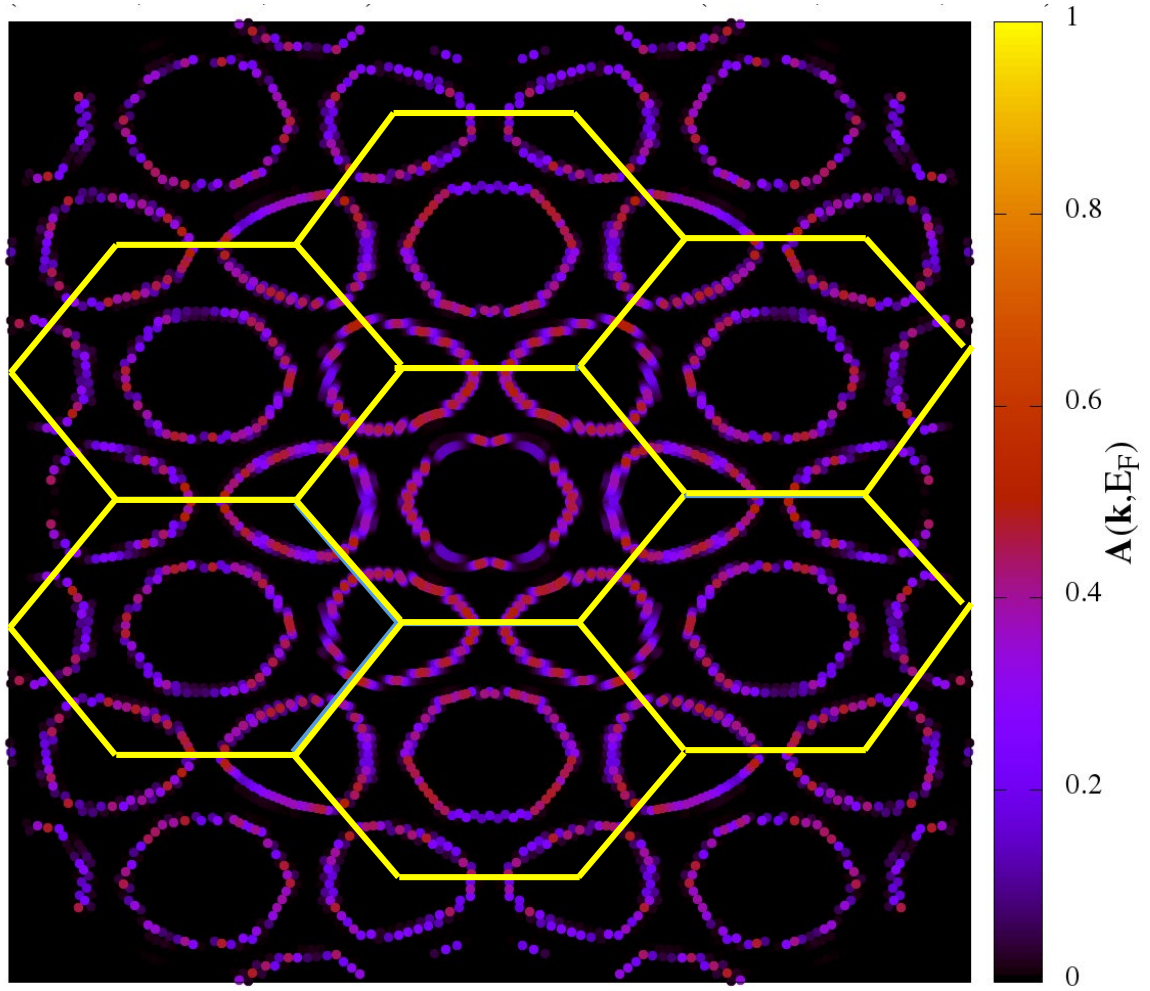
SYMPOINT1 = 0.0 0.0 0.0

EDELTA1 = 3.0
EDELTA2 = 3.0

SLIMSPEC = .TRUE.



Fermi Surface (NbSe2 unit)



Fermi Surface Spectral Function
(Unfolded)