

```

flq_chn.Mesh=[10,10];           // k-space mesh
flq_chn.DiffVal=[10^-4];        // small value of DiffVec
flq_chn.DiffVec=[1,1];          // differential vector

```

===== PiLib Variable =====

```

flq_chn.gap_ind, @full, [band_ind1, band_ind2, gap_value]
ORDER=  0, SIZE=[  1,  3], TYPE=REAL

```

```

      1      2      3

```

```

1.000000  2.000000  4.317732

```

===== PiLib Variable =====

```

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

```

```

      1

```

```

1.000000

```

```

-1.000000

```

===== PiLib Variable =====

```

flq_chn.lat_field, @full, lattice field of each band at each k-point
ORDER= -1, SIZE=[  2, 100], TYPE=REAL

```