

Lattice structure
input file

Order parameter
input/output file
formate

**GPU / multi GPU /
OpenMP
acceleration**

TBM-script:
**Multi-Orbital Tight-binding
+ Exchange interaction**

Total energy/Band
structure/Identify
Topological
feature /LDOS

LLG Spin
dynamics/ mean-
field calculation

Wannier down folding/
Hetero structure &
interface design /
Superconductivity

Gutzwiller
approximation
(to be implemented)

Others ...