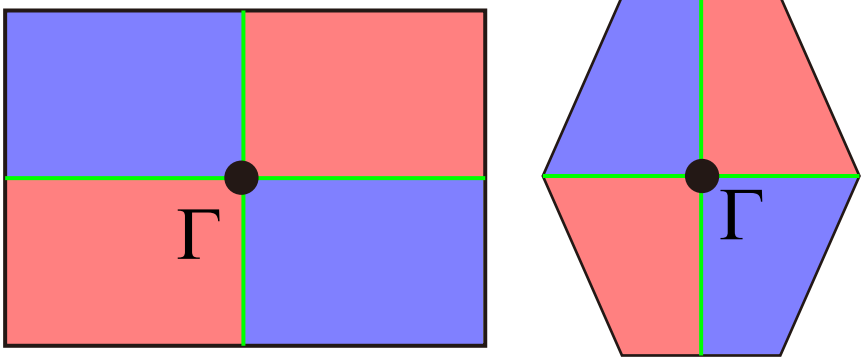
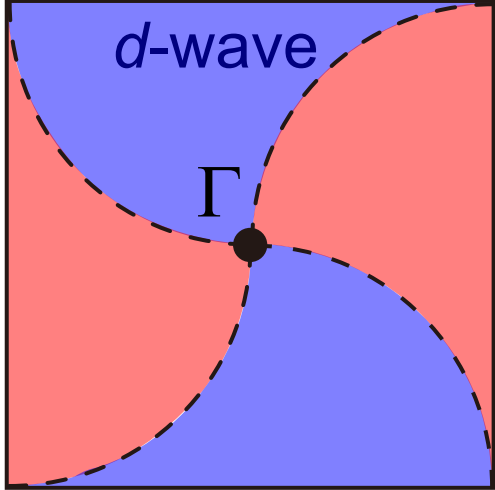
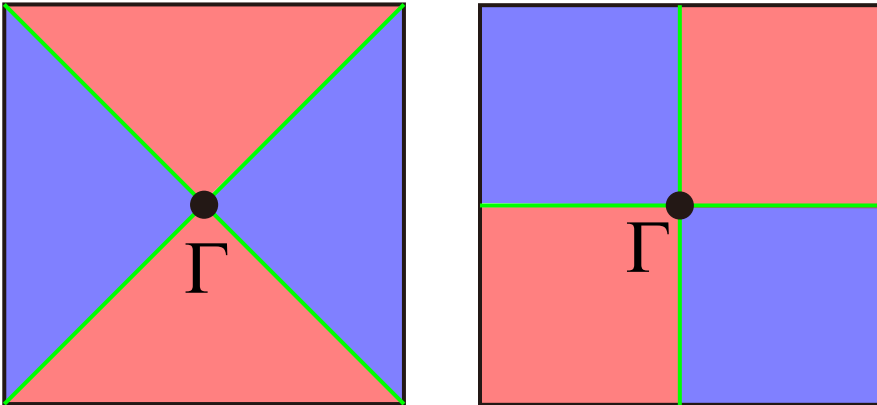
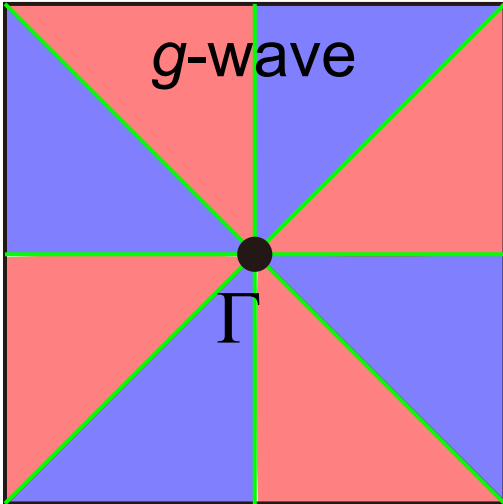
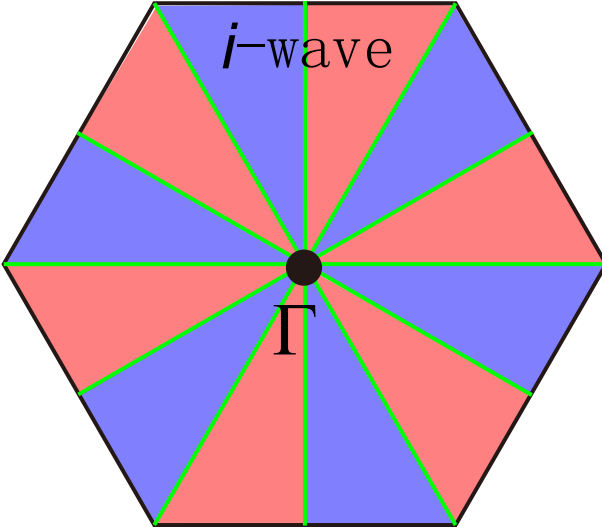


| Crystal systems | Point group | H   | APG   | WG  | AWG            | Type of altermagnetism                                                                                           |
|-----------------|-------------|-----|-------|-----|----------------|------------------------------------------------------------------------------------------------------------------|
| Orthorhombic    | C1h         | C1  | m'    | #3  | P1m'1          | <div>  <p>d-wave</p> </div>   |
|                 |             |     |       | #4  | P1g'1          |                                                                                                                  |
|                 |             |     |       | #5  | C1m'1          |                                                                                                                  |
|                 | C2v         | C2  | 2m'm' | #6  | P2m'm'         |                                                                                                                  |
|                 |             |     |       | #7  | P2m'g'         |                                                                                                                  |
|                 |             |     |       | #8  | P2g'g'         |                                                                                                                  |
|                 |             |     |       | #9  | C2m'm'         |                                                                                                                  |
| Square          | C4          | C2  | 4'    | #10 | P4'            |                              |
|                 | C4v         | C2v | 4'm'm | #11 | P4'mm', P4'm'm | <div>  <p>d-wave</p> </div> |
|                 |             |     |       | #12 | *P4'gm',P4'g'm |                                                                                                                  |
|                 |             | C4  | 4m'm' | #11 | P4m'm'         |                             |
|                 |             |     |       | #12 | P4g'm'         |                                                                                                                  |
|                 | C3v         | C3  | 3m'   | #14 | P3m'1          |                             |
|                 |             |     |       | #15 | P31m'          |                                                                                                                  |
| Hexagonal       | C6v         | C6  | 6m'm' | #17 | P6m'm'         |                                                                                                                  |