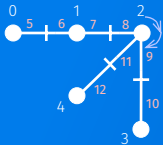


Gmap (M)



graphviz dot format graph file

```
graph G {
0 [a1="|5|", darts="|0|"];
1 [a1="|6|7|", darts="|1|"];
2 [a1="|8|9|11|", darts="|2|"];
3 [a1="|10|", darts="|3|"];
4 [a1="|12|", darts="|4|"];
0--1 [a0="|5,6|"];
1--2 [a0="|7,8|"];
2--3 [a0="|9,10|"];
2--4 [a0="|11,12|"];
}
```

σ

α

Alternatives: Prolog

```
M= [
  [[5], [10], [12], [6,7], [8,9,11]]
  , [5-6, 7-8, 9-10, 11-12]
]
```

σ

α

Darts are explicit and the permutations on D are on the first line . The second line shows orbits or involutions on D and how two darts are linked to one another