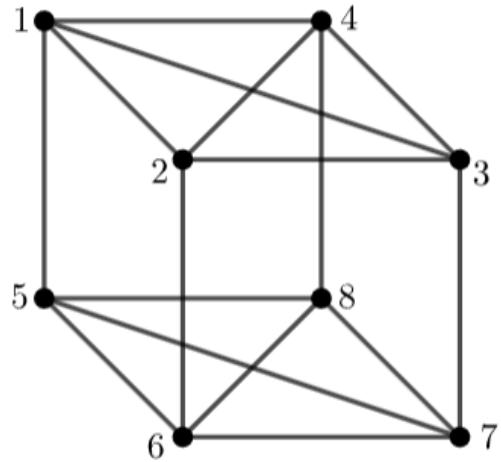


Enhanced Hypercube of dimension three $Q_{3,2}$



1-fault tolerant metric dimension : 4

1DRW index : 16

Extracted 1-fault tolerant metric bases using extended *BIGS* algorithm

1. $\{1, 2, 3, 4\}$
2. $\{1, 2, 3, 8\}$
3. $\{1, 2, 4, 7\}$
4. $\{1, 2, 7, 8\}$
5. $\{1, 3, 4, 6\}$
6. $\{1, 3, 6, 8\}$
7. $\{1, 4, 6, 7\}$
8. $\{1, 6, 7, 8\}$
9. $\{2, 3, 4, 5\}$
10. $\{2, 3, 5, 8\}$
11. $\{2, 4, 5, 7\}$
12. $\{2, 5, 7, 8\}$
13. $\{3, 4, 5, 6\}$
14. $\{3, 5, 6, 8\}$
15. $\{4, 5, 6, 7\}$
16. $\{5, 6, 7, 8\}$