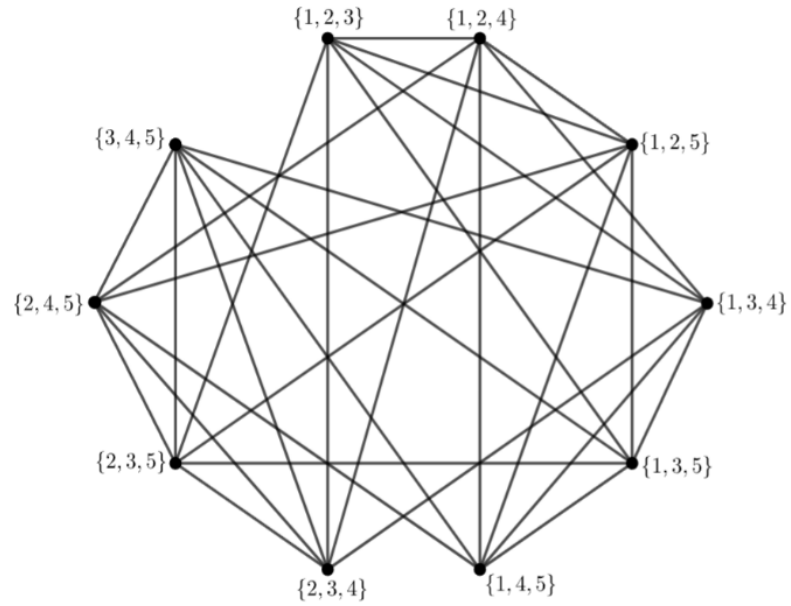


Johnson graph  $J(5,3)$



Metric dimension - 3

*BIGS* Index – 20

Extracted Metric Bases using *BIGS* algorithm

1. {1, 2, 4}
2. {1, 2, 7}
3. {1, 3, 5}
4. {1, 3, 8}
5. {1, 4, 7}
6. {1, 5, 8}
7. {2, 3, 6}
8. {2, 3, 9}
9. {2, 4, 7}
10. {2, 6, 9}
11. {3, 5, 8}
12. {3, 6, 9}
13. {4, 5, 6}
14. {4, 5, 10}
15. {4, 6, 10}
16. {5, 6, 10}
17. {7, 8, 9}
18. {7, 8, 10}
19. {7, 9, 10}
20. {8, 9, 10}