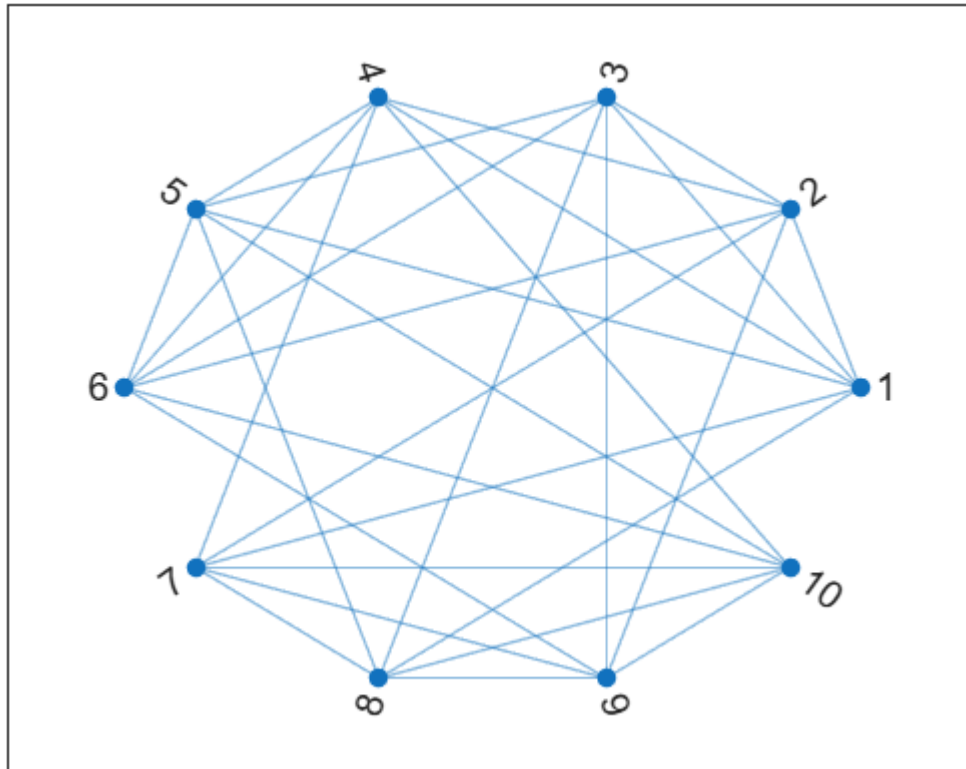


Johnson graph $J(5,3)$



Metric dimension - 3

BIGS Index – 20

Extracted Metric Bases using *BIGS* algorithm

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