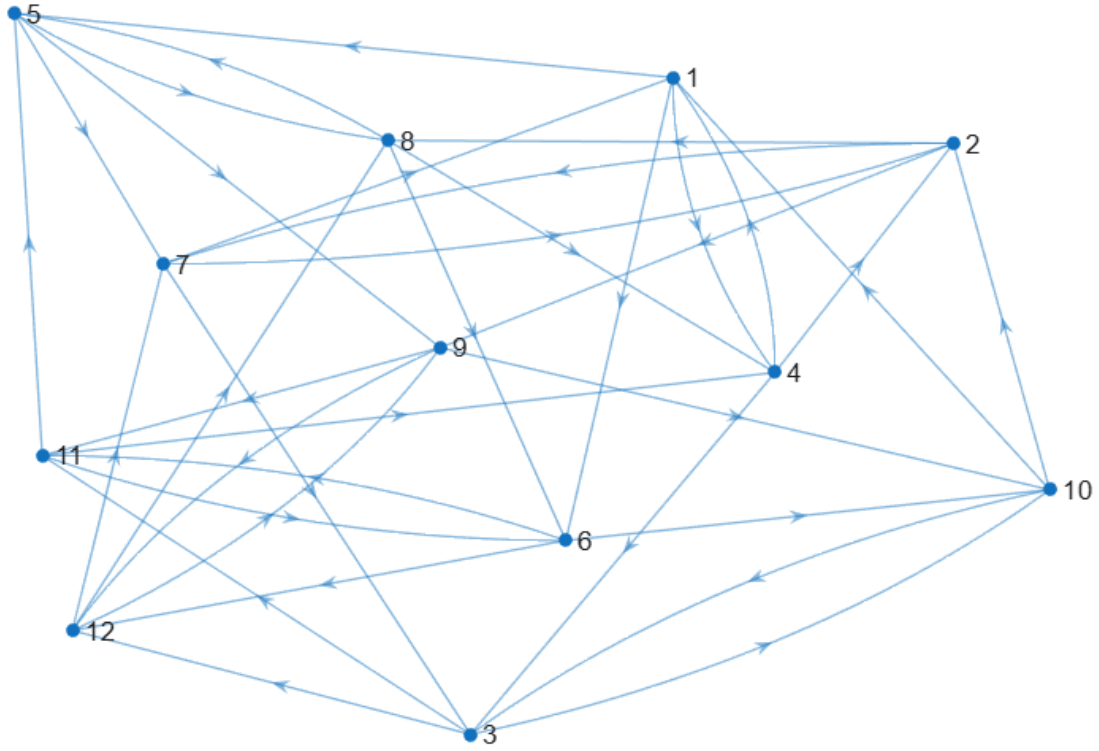


Kautz Graph $K(3,2)$



Metric Dimension - 8

BIGS index - 81

Extracted Metric bases using *BIGS* Algorithm

- | | |
|---------------------------------|---------------------------------|
| 1. {1, 2, 3, 4, 5, 6, 7, 8} | 16. {1, 2, 3, 4, 9, 10, 11, 12} |
| 2. {1, 2, 3, 4, 5, 6, 7, 11} | 17. {1, 2, 3, 5, 6, 7, 8, 10} |
| 3. {1, 2, 3, 4, 5, 6, 8, 10} | 18. {1, 2, 3, 5, 6, 7, 10, 11} |
| 4. {1, 2, 3, 4, 5, 6, 10, 11} | 19. {1, 2, 3, 5, 7, 8, 9, 10} |
| 5. {1, 2, 3, 4, 5, 7, 8, 9} | 20. {1, 2, 3, 5, 7, 9, 10, 11} |
| 6. {1, 2, 3, 4, 5, 7, 9, 11} | 21. {1, 2, 3, 6, 7, 8, 10, 12} |
| 7. {1, 2, 3, 4, 5, 8, 9, 10} | 22. {1, 2, 3, 6, 7, 10, 11, 12} |
| 8. {1, 2, 3, 4, 5, 9, 10, 11} | 23. {1, 2, 3, 7, 8, 9, 10, 12} |
| 9. {1, 2, 3, 4, 6, 7, 8, 12} | 24. {1, 2, 3, 7, 9, 10, 11, 12} |
| 10. {1, 2, 3, 4, 6, 7, 11, 12} | 25. {1, 2, 4, 5, 6, 7, 8, 9} |
| 11. {1, 2, 3, 4, 6, 8, 10, 12} | 26. {1, 2, 4, 5, 6, 7, 9, 11} |
| 12. {1, 2, 3, 4, 6, 10, 11, 12} | 27. {1, 2, 4, 5, 6, 8, 9, 10} |
| 13. {1, 2, 3, 4, 7, 8, 9, 12} | 28. {1, 2, 4, 5, 6, 9, 10, 11} |
| 14. {1, 2, 3, 4, 7, 9, 11, 12} | 29. {1, 2, 4, 6, 7, 8, 9, 12} |
| 15. {1, 2, 3, 4, 8, 9, 10, 12} | 30. {1, 2, 4, 6, 7, 9, 11, 12} |

- 31. {1, 2, 4, 6, 8, 9, 10, 12}
- 32. {1, 2, 4, 6, 9, 10, 11, 12}
- 33. {1, 2, 5, 6, 7, 8, 9, 10}
- 34. {1, 2, 5, 6, 7, 9, 10, 11}
- 35. {1, 2, 6, 7, 8, 9, 10, 12}
- 36. {1, 2, 6, 7, 9, 10, 11, 12}
- 37. {1, 3, 4, 5, 6, 7, 8, 12}
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- 39. {1, 3, 4, 5, 6, 8, 10, 12}
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- 43. {1, 3, 4, 5, 8, 9, 10, 12}
- 44. {1, 3, 4, 5, 9, 10, 11, 12}
- 45. {1, 3, 5, 6, 7, 8, 10, 12}
- 46. {1, 3, 5, 6, 7, 10, 11, 12}
- 47. {1, 3, 5, 7, 8, 9, 10, 12}
- 48. {1, 3, 5, 7, 9, 10, 11, 12}
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- 52. {1, 4, 5, 6, 9, 10, 11, 12}
- 53. {1, 5, 6, 7, 8, 9, 10, 12}
- 54. {1, 5, 6, 7, 9, 10, 11, 12}
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- 56. {2, 3, 4, 5, 6, 8, 10, 11}
- 57. {2, 3, 4, 5, 7, 8, 9, 11}
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- 62. {2, 3, 4, 8, 9, 10, 11, 12}
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- 64. {2, 3, 5, 7, 8, 9, 10, 11}
- 65. {2, 3, 6, 7, 8, 10, 11, 12}
- 66. {2, 3, 7, 8, 9, 10, 11, 12}
- 67. {2, 4, 5, 6, 7, 8, 9, 11}
- 68. {2, 4, 5, 6, 8, 9, 10, 11}
- 69. {2, 4, 6, 7, 8, 9, 11, 12}
- 70. {2, 4, 6, 8, 9, 10, 11, 12}
- 71. {2, 5, 6, 7, 8, 9, 10, 11}
- 72. {2, 6, 7, 8, 9, 10, 11, 12}
- 73. {3, 4, 5, 6, 7, 8, 11, 12}
- 74. {3, 4, 5, 6, 8, 10, 11, 12}
- 75. {3, 4, 5, 7, 8, 9, 11, 12}
- 76. {3, 4, 5, 8, 9, 10, 11, 12}
- 77. {3, 5, 6, 7, 8, 10, 11, 12}

- 78. {3, 5, 7, 8, 9, 10, 11, 12}
- 79. {4, 5, 6, 7, 8, 9, 11, 12}
- 80. {4, 5, 6, 8, 9, 10, 11, 12}
- 81. {5, 6, 7, 8, 9, 10, 11, 12}