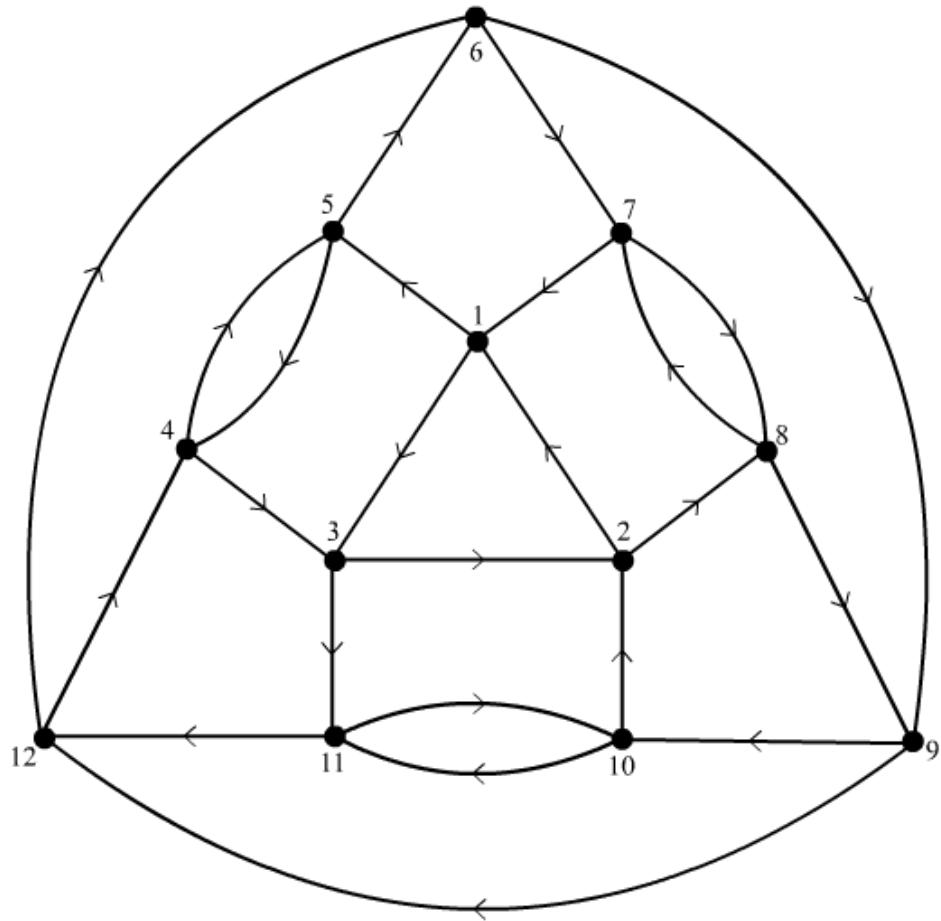


Kautz Graph $K(2,3)$



Metric Dimension - 6

BIGS index - 64

Extracted metric bases using *BIGS* Algorithm

1. {1, 2, 3, 5, 6, 9}
2. {1, 2, 3, 5, 6, 11}
3. {1, 2, 3, 5, 8, 9}
4. {1, 2, 3, 5, 8, 11}
5. {1, 2, 3, 6, 9, 12}
6. {1, 2, 3, 6, 11, 12}
7. {1, 2, 3, 8, 9, 12}
8. {1, 2, 3, 8, 11, 12}
9. {1, 2, 5, 6, 9, 10}
10. {1, 2, 5, 6, 10, 11}
11. {1, 2, 5, 8, 9, 10}
12. {1, 2, 5, 8, 10, 11}
13. {1, 2, 6, 9, 10, 12}
14. {1, 2, 6, 10, 11, 12}
15. {1, 2, 8, 9, 10, 12}
16. {1, 2, 8, 10, 11, 12}
17. {1, 3, 5, 6, 7, 9}
18. {1, 3, 5, 6, 7, 11}
19. {1, 3, 5, 7, 8 ,9}
20. {1, 3, 5, 7, 8, 11}
21. {1, 3, 6, 7, 9,12}
22. {1, 3, 6, 7, 11, 12}
23. {1, 3, 7, 8, 9, 12}
24. {1, 3, 7, 8, 11, 12}

- 25. $\{1, 5, 6, 7, 9, 10\}$
- 26. $\{1, 5, 6, 7, 10, 11\}$
- 27. $\{1, 5, 7, 8, 9, 10\}$
- 28. $\{1, 5, 7, 8, 10, 11\}$
- 29. $\{1, 6, 7, 9, 10, 12\}$
- 30. $\{1, 6, 7, 10, 11, 12\}$
- 31. $\{1, 7, 8, 9, 10, 12\}$
- 32. $\{1, 7, 8, 10, 11, 12\}$
- 33. $\{2, 3, 4, 5, 6, 9\}$
- 34. $\{2, 3, 4, 5, 6, 11\}$
- 35. $\{2, 3, 4, 5, 8, 9\}$
- 36. $\{2, 3, 4, 5, 8, 11\}$
- 37. $\{2, 3, 4, 6, 9, 12\}$
- 38. $\{2, 3, 4, 6, 11, 12\}$
- 39. $\{2, 3, 4, 8, 9, 12\}$
- 40. $\{2, 3, 4, 8, 11, 12\}$
- 41. $\{2, 4, 5, 6, 9, 10\}$
- 42. $\{2, 4, 5, 6, 10, 11\}$
- 43. $\{2, 4, 5, 8, 9, 10\}$
- 44. $\{2, 4, 5, 8, 10, 11\}$
- 45. $\{2, 4, 6, 9, 10, 12\}$
- 46. $\{2, 4, 6, 10, 11, 12\}$
- 47. $\{2, 4, 8, 9, 10, 12\}$
- 48. $\{2, 4, 8, 10, 11, 12\}$
- 49. $\{3, 4, 5, 6, 7, 9\}$
- 50. $\{3, 4, 5, 6, 7, 11\}$
- 51. $\{3, 4, 5, 7, 8, 9\}$
- 52. $\{3, 4, 5, 7, 8, 11\}$
- 53. $\{3, 4, 6, 7, 9, 12\}$
- 54. $\{3, 4, 6, 7, 11, 12\}$
- 55. $\{3, 4, 7, 8, 9, 12\}$
- 56. $\{3, 4, 7, 8, 11, 12\}$
- 57. $\{4, 5, 6, 7, 9, 10\}$
- 58. $\{4, 5, 6, 7, 10, 11\}$
- 59. $\{4, 5, 7, 8, 9, 10\}$
- 60. $\{4, 5, 7, 8, 10, 11\}$
- 61. $\{4, 6, 7, 9, 10, 12\}$
- 62. $\{4, 6, 7, 10, 11, 12\}$
- 63. $\{4, 7, 8, 9, 10, 12\}$
- 64. $\{4, 7, 8, 10, 11, 12\}$