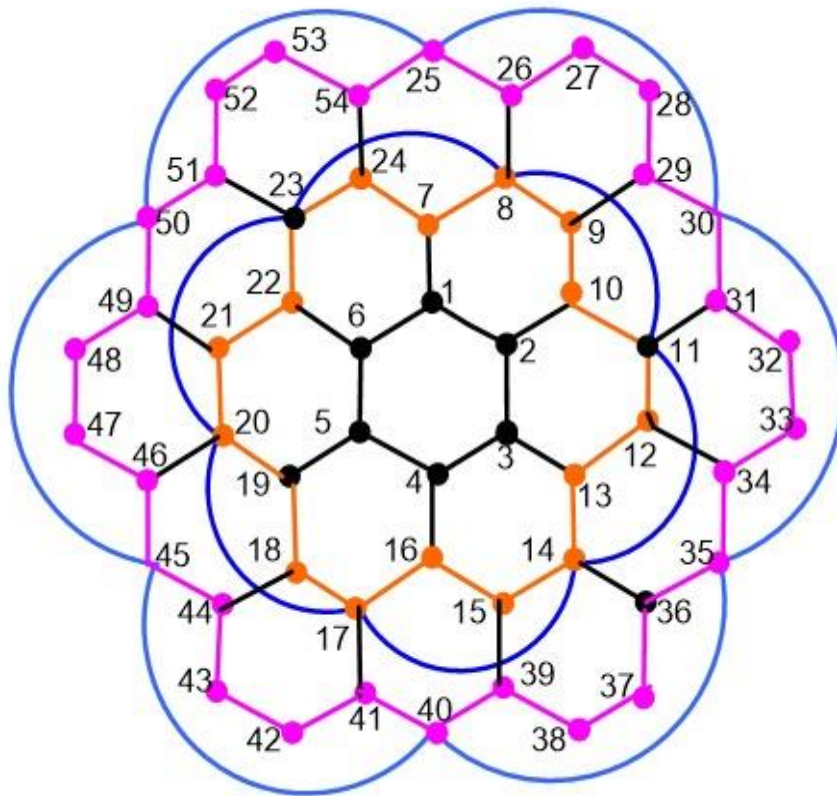


## Enhanced Honeycomb Network of dimension three $EHC(3)$



Metric bases:

1. {1, 4, 12, 21}
2. {1, 4, 12, 43}
3. {1, 4, 15, 48}
4. {1, 4, 21, 28}
5. {1, 4, 24, 33}
6. {2, 5, 9, 38}
7. {2, 5, 15, 24}
8. {2, 5, 15, 48}
9. {2, 5, 18, 53}
10. {2, 5, 24, 33}
11. {3, 6, 9, 18}
12. {3, 6, 9, 38}
13. {3, 6, 12, 43}
14. {3, 6, 18, 53}
15. {3, 6, 21, 28}
16. {7, 15, 30, 45}
17. {7, 15, 35, 50}
18. {8, 17, 35, 50}
19. {8, 18, 35, 50}
20. {9, 17, 35, 50}

21. {9, 18, 35, 50}
22. {9, 19, 25, 40}
23. {9, 19, 35, 50}
24. {9, 25, 38, 46}
25. {9, 25, 38, 47}
26. {9, 30, 38, 46}
27. {9, 30, 38, 47}
28. {10, 18, 25, 40}
29. {10, 18, 35, 50}
30. {11, 20, 25, 40}
31. {11, 21, 25, 40}
32. {12, 20, 25, 40}
33. {12, 21, 25, 40}
34. {12, 22, 25, 40}
35. {12, 22, 30, 45}
36. {12, 30, 43, 51}
37. {12, 30, 43, 52}
38. {12, 35, 43, 51}
39. {12, 35, 43, 52}
40. {13, 21, 25, 40}
41. {13, 21, 30, 45}
42. {14, 23, 30, 45}
43. {14, 24, 30, 45}
44. {15, 23, 30, 45}
45. {15, 24, 30, 45}
46. {15, 26, 35, 48}
47. {15, 26, 40, 48}
48. {15, 27, 35, 48}
49. {15, 27, 40, 48}
50. {16, 24, 30, 45}
51. {16, 24, 35, 50}
52. {18, 31, 40, 53}
53. {18, 31, 45, 53}
54. {18, 32, 40, 53}
55. {18, 32, 45, 53}
56. {21, 28, 36, 45}
57. {21, 28, 36, 50}
58. {21, 28, 37, 45}
59. {21, 28, 37, 50}
60. {24, 25, 33, 41}
61. {24, 25, 33, 42}
62. {24, 33, 41, 50}
63. {24, 33, 42, 50}

Metric dimension – 4

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