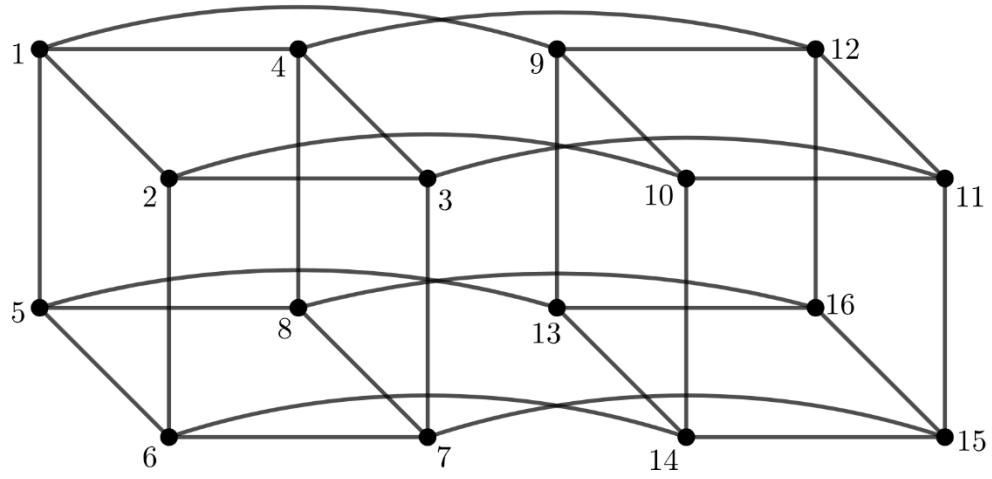# Enhanced Hypercube of dimension three $Q_{4,2}$

Metric dimension : 3

BIGS index : 192

Extracted metric bases using *BIGS* algorithm

	22. {1, 7, 14}	44. {2, 4, 11}
1. {1, 2, 7}	23. {1, 7, 16}	45. {2, 5, 7}
2. {1, 2, 8}	24. {1, 8, 10}	46. {2, 5, 8}
3. {1, 2, 11}	25. {1, 8, 11}	47. {2, 5, 11}
4. {1, 2, 12}	26. {1, 8, 14}	48. {2, 5, 12}
5. {1, 3, 6}	27. {1, 8, 15}	49. {2, 5, 15}
6. {1, 3, 8}	28. {1, 10, 11}	50. {2, 5, 16}
7. {1, 3, 10}	29. {1, 10, 12}	51. {2, 7, 8}
8. {1, 3, 12}	30. {1, 10, 15}	52. {2, 7, 9}
9. {1, 4, 6}	31. {1, 10, 16}	53. {2, 7, 12}
10. {1, 4, 7}	32. {1, 11, 12}	54. {2, 7, 13}
11. {1, 4, 10}	33. {1, 11, 14}	55. {2, 7, 16}
12. {1, 4, 11}	34. {1, 11, 16}	56. {2, 8, 9}
13. {1, 6, 7}	35. {1, 12, 14}	57. {2, 8, 11}
14. {1, 6, 8}	36. {1, 12, 15}	58. {2, 8, 13}
15. {1, 6, 11}	37. {2, 3, 5}	59. {2, 8, 15}
16. {1, 6, 12}	38. {2, 3, 8}	60. {2, 9, 11}
17. {1, 6, 15}	39. {2, 3, 9}	61. {2, 9, 12}
18. {1, 6, 16}	40. {2, 3, 12}	62. {2, 9, 15}
19. {1, 7, 8}	41. {2, 4, 5}	63. {2, 9, 16}
20. {1, 7, 10}	42. {2, 4, 7}	64. {2, 11, 12}
21. {1, 7, 12}	43. {2, 4, 9}	65. {2, 11, 13}

66. {2, 11, 16}
67. {2, 12, 13}
68. {2, 12, 15}
69. {3, 4, 5}
70. {3, 4, 6}
71. {3, 4, 9}
72. {3, 4, 10}
73. {3, 5, 6}
74. {3, 5, 8}
75. {3, 5, 10}
76. {3, 5, 12}
77. {3, 5, 14}
78. {3, 5, 16}
79. {3, 6, 8}
80. {3, 6, 9}
81. {3, 6, 12}
82. {3, 6, 13}
83. {3, 6, 16}
84. {3, 8, 9}
85. {3, 8, 10}
86. {3, 8, 13}
87. {3, 8, 14}
88. {3, 9, 10}
89. {3, 9, 12}
90. {3, 9, 14}
91. {3, 9, 16}
92. {3, 10, 12}
93. {3, 10, 13}
94. {3, 10, 16}
95. {3, 12, 13}
96. {3, 12, 14}
97. {4, 5, 6}
98. {4, 5, 7}
99. {4, 5, 10}
100. {4, 5, 11}
101. {4, 5, 14}
102. {4, 5, 15}
103. {4, 6, 7}
104. {4, 6, 9}
105. {4, 6, 11}
106. {4, 6, 13}
107. {4, 6, 15}
108. {4, 7, 9}

109. {4, 7, 10}
110. {4, 7, 13}
111. {4, 7, 14}
112. {4, 9, 10}
113. {4, 9, 11}
114. {4, 9, 14}
115. {4, 9, 15}
116. {4, 10, 11}
117. {4, 10, 13}
118. {4, 10, 15}
119. {4, 11, 13}
120. {4, 11, 14}
121. {5, 6, 15}
122. {5, 6, 16}
123. {5, 7, 14}
124. {5, 7, 16}
125. {5, 8, 14}
126. {5, 8, 15}
127. {5, 10, 15}
128. {5, 10, 16}
129. {5, 11, 14}
130. {5, 11, 16}
131. {5, 12, 14}
132. {5, 12, 15}
133. {5, 14, 15}
134. {5, 14, 16}
135. {5, 15, 16}
136. {6, 7, 13}
137. {6, 7, 16}
138. {6, 8, 13}
139. {6, 8, 15}
140. {6, 9, 15}
141. {6, 9, 16}
142. {6, 11, 13}
143. {6, 11, 16}
144. {6, 12, 13}
145. {6, 12, 15}
146. {6, 13, 15}
147. {6, 13, 16}
148. {6, 15, 16}
149. {7, 8, 13}
150. {7, 8, 14}
151. {7, 9, 14}

152. {7, 9, 16}
153. {7, 10, 13}
154. {7, 10, 16}
155. {7, 12, 13}
156. {7, 12, 14}
157. {7, 13, 14}
158. {7, 13, 16}
159. {7, 14, 16}
160. {8, 9, 14}
161. {8, 9, 15}
162. {8, 10, 13}
163. {8, 10, 15}
164. {8, 11, 13}
165. {8, 11, 14}
166. {8, 13, 14}
167. {8, 13, 15}
168. {8, 14, 15}
169. {9, 10, 15}
170. {9, 10, 16}
171. {9, 11, 14}
172. {9, 11, 16}
173. {9, 12, 14}
174. {9, 12, 15}
175. {9, 14, 15}
176. {9, 14, 16}
177. {9, 15, 16}
178. {10, 11, 13}
179. {10, 11, 16}
180. {10, 12, 13}
181. {10, 12, 15}
182. {10, 13, 15}
183. {10, 13, 16}
184. {10, 15, 16}
185. {11, 12, 13}
186. {11, 12, 14}
187. {11, 13, 14}
188. {11, 13, 16}
189. {11, 14, 16}
190. {12, 13, 14}
191. {12, 13, 15}
192. {12, 14, 15}