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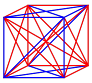
The depicted coloring of the edges connecting any two vertices of the cube is **monophilic** because it contains a singly-colored plane region spanned by four vertices. But not all colorings of the cube are monophilic, and similarly for the four-, five-, . . . , and 13-dimensional cube. In contrast, any coloring of the G-dimensional cube is monophilic. The definition of G uses **hyperoperators**:



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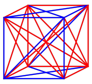

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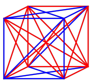

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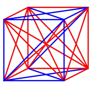

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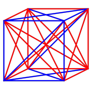

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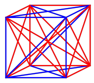

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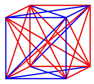

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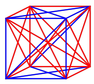

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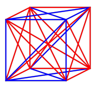

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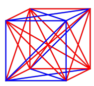

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