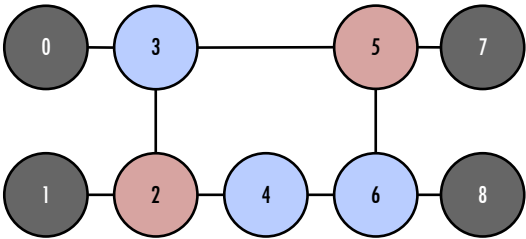


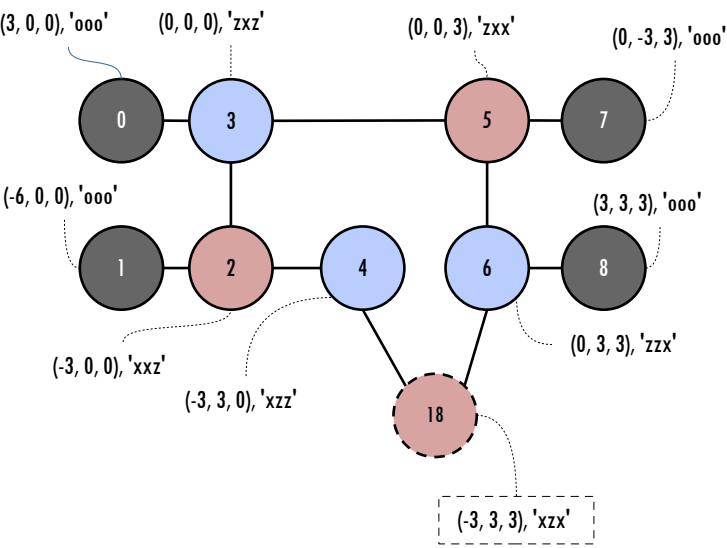
Manual validation summary – CNOTS

This document shows outputs by the algorithm for the declared input ZX graph. The sample of outcomes is illustrative, not comprehensive. Since the algorithm uses random choices at different stages, the range of possible outcomes is, while finite, potentially larger than shown here.

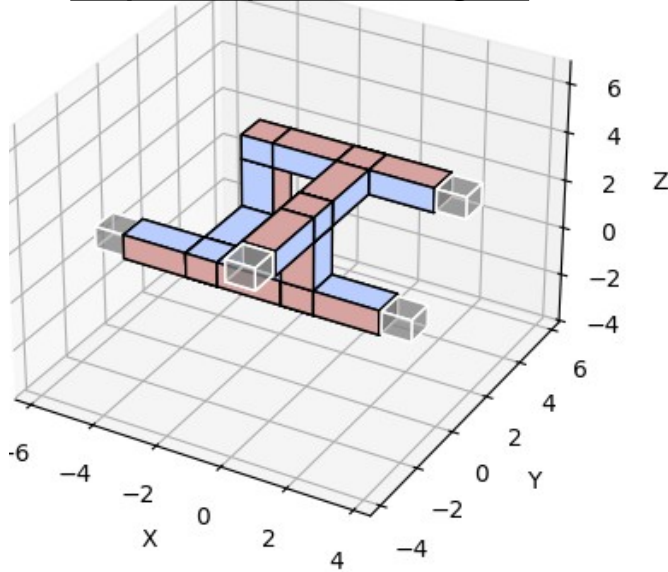
Original ZX graph



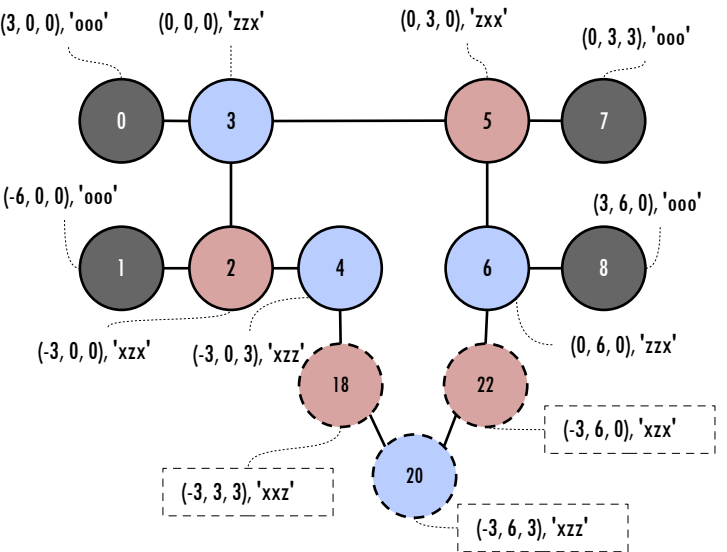
Output in ZX format



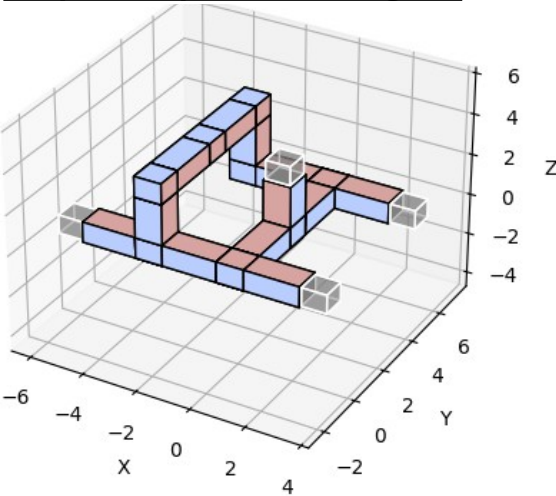
Output as space-time diagram



Output in ZX format



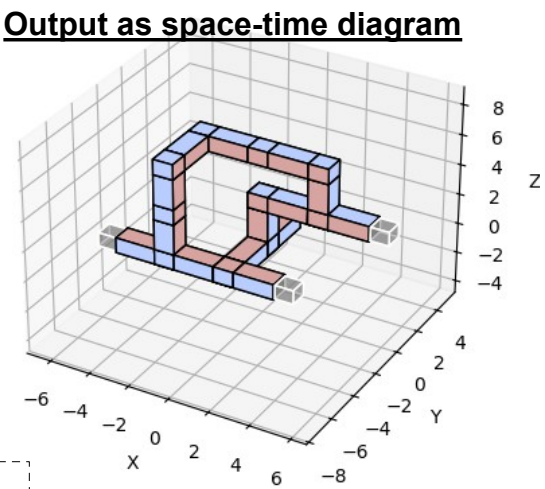
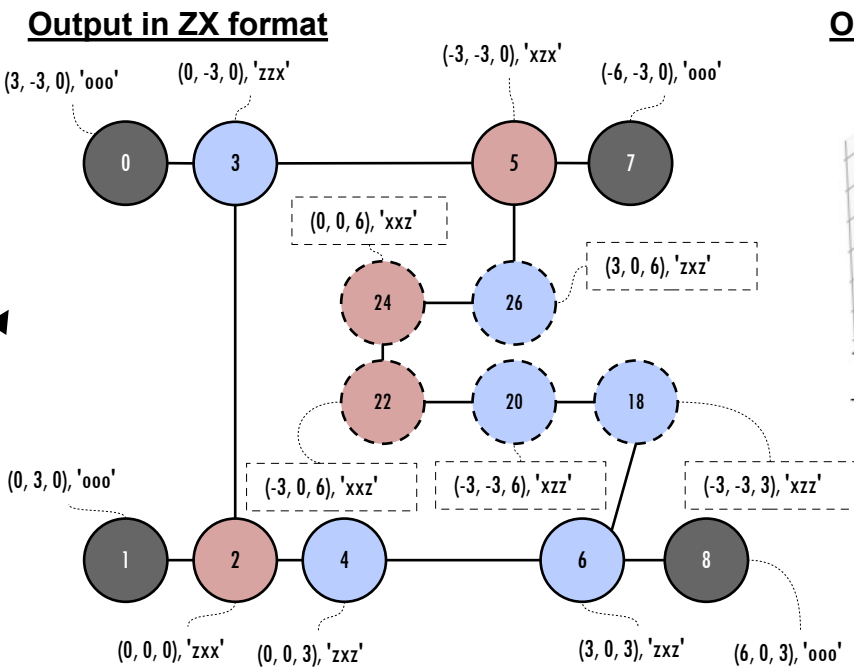
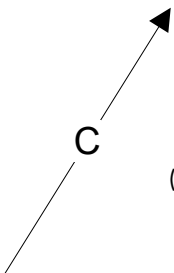
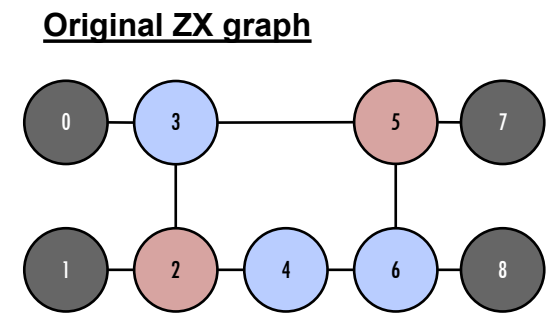
Output as space-time diagram



- X
- Y
- Simple edge
- Hadamard edge
- ● Nodes in original ZX-graph
- ● Additional nodes needed to clear 3D paths

Manual validation summary – CNOTS

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