

## Thor Sequences

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Given a set of vertex weights for a graph  $G$ , a Thor Sequence  $T = (G_0, G_1, G_2, \dots)$  is a sequence of graphs such that the vertex weights of  $G = G_0$  induce the edge weights of  $G_1$ , the first term in the sequence, which induce the vertex weights of  $G_2$ , the second term, and so on. This research focuses on determining the properties and applications of these sequences.

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