Illustration of Terms a(3)-a(7) for A01055 and A360031.

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Description

The following diagrams show all 2-connected graphs as counted in <u>A010355</u> with up to 7 edges. For each network the upper triangle of the symmetrical matrix of resistance distances is shown. On the graphs of the networks, nodes between which there is a resistance of 1 ohm are marked with the same color, not gray. The number of networks with n edges in which at least one resistance distance of 1 ohm occurs are the terms a(n) of the present sequence A360031.















