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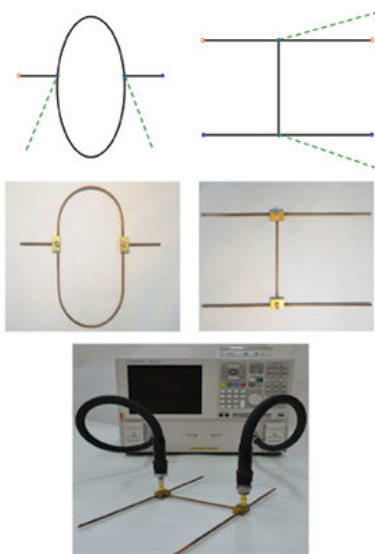
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Isoscattering quantum graphs (top) and pictures of corresponding microwave scattering networks (middle). Panel (bottom) shows the experimental setup for measuring the scattering matrix of a network, to ascertain if the shape of a graph can be determined from its scattering properties. [Oleh Hul, Michał Ławniczak, Szymon Bauch, Adam Sawicki, Marek Kuś, and Leszek Sirko, Phys. Rev. Lett. **109**, 040402 (2012)]

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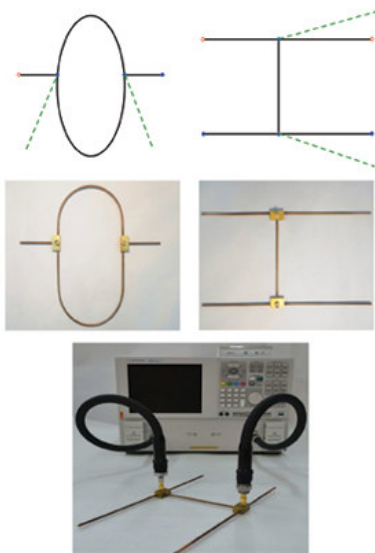
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