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Title: On the planar, outer planar, cut vertices and end-regular comaximal graph of lattices

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In this paper, we determine the cut vertices in the comaximal graphs of lattices and study the lattices with end-regular comaximal graphs. Also, we investigate the comaximal graph of the product of two lattices. In particular, we determine all lattices with planar and outerplanar comaximal graphs.

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