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A note on convex sublattices of lattices

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Abstract: Let $CSub(\mathbf{K})$ denote the variety of lattices generated by convex sublattices of lattices in \mathbf{K} . For any proper variety \mathbf{V} , the variety $CSub(\mathbf{V})$ is proper. There are uncountably many varieties \mathbf{V} with $CSub(\mathbf{V}) = \mathbf{V}$.

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