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A note on convex sublattices of lattices

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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