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## Weyl-Minkowski theorem

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**Theorem** (Weyl–Minkowski). *A subset of Euclidean space is a convex polytope if and only if it is a bounded polyhedron.*

## References

- [1] Minkowski, H. *Allgemeine Lehrsätze über die konvexe Polyeder*, Nachr. Ges. Wiss., Göttingen, 1897, 198–219.
- [2] Weyl, H. *Elementare Theorie der konvexen Polyeder*, Comment. Math. Helvetici, 1935, 7
- [3] Ziegler, G., *Lectures on polytopes*, Springer-Verlag, 1997.