In 1911 Toeplitz conjectured that any simple closed curve in the plane inscribes a square. A less famous variant of this problem is Hadwiger’s 1971 conjecture that any simple closed curve in 3-space inscribes a parallelogram. Both conjectures have been resolved under some smoothness condition on the curve. We resolve Hadwiger’s conjecture in full generality by relating it to partition results for real-valued functions.

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