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Harris, Bruno

Bott periodicity via simplicial spaces.

J. Algebra **62** (1980), *no.* 2, 450–454.

The author gives a beautiful well-motivated proof of the complex Bott periodicity theorem using only two essential properties of the complex numbers (unitary matrices can be diagonalized; the Stiefel manifolds of k-frames in $\mathbf{C}^N$ are highly connected for large N) and the group completion theorem. *Harold Hastings* (Hempstead, N.Y.)