

**Bachmann, Tom**

**The generalized slices of Hermitian  $K$ -theory.** (English) Zbl 1453.14065  
*J. Topol.* 10, No. 4, 1124-1144 (2017).

Summary: We compute the generalized slices (as defined by Spitzweck-Østvær) of the motivic spectrum  $KO$  (representing Hermitian  $K$ -theory) in terms of motivic cohomology and (a version of) generalized motivic cohomology, obtaining good agreement with the situation in classical topology and the results predicted by Markett-Schlichting. As an application, we compute the homotopy sheaves of (this version of) generalized motivic cohomology, which establishes a version of a conjecture of Morel.

**MSC:**

[14F42](#) Motivic cohomology; motivic homotopy theory  
[19E08](#)  $K$ -theory of schemes  
[55P42](#) Stable homotopy theory, spectra  
[14C25](#) Algebraic cycles

Cited in **3** Documents

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