

**Sbai, Mohammed**

**Cocatégorie rationnelle d'un espace topologique.** (French) [Zbl 0548.55003](#)

Homotopie algébrique et algèbre locale, Journ. Luminy/France 1982, Astérisque 113-114, 288-291 (1984).

Summary: [For the entire collection see [Zbl 0535.00017](#).]

We give a dual definition in the sense of Eckmann-Hilton of the Félix- Halperin definition for rational category.

**MSC:**

[55M30](#) Lyusternik-Shnirel'man category of a space, topological complexity à la Farber, topological robotics (topological aspects) [Cited in 1 Review](#)

[55P62](#) Rational homotopy theory

[55P30](#) Eckmann-Hilton duality

**Keywords:**

rational Lyusternik-Schirelman category; Eckmann-Hilton duality