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Connective K-theory of certain symmetric groups.

Connective K-theory interpolates between, and links, integral homology and K-theory, and as such is reasonably calculable. We describe recent results on the connective K-theory of symmetric groups, as well as Eilenberg-MacLane spaces. The latter suggest an inductive approach similar to Rusin's calculation of the cohomology of 2-groups. (Received August 07, 2008)