

## Algebras over operad of spheres

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### Abstract

We study an operad whose components are multidimensional spheres. We give a description (up to the rational equivalence) of the variety of algebras over this operad in terms of symbols of operations and identities. © 2010 Allerton Press, Inc.

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### Keywords

algebra, convexor, operad, rational equivalence, simplex, sphere, variety