## **Turkish Journal of Mathematics**

**Turkish Journal** 

of

Mathematics



A Combinatorial Definition of n-Types of Simplicial Commutative Algebras

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<u>Abstract:</u> In this paper, we will give a description of the functor from the category of crossed n-cubes to that of simplicial commutative algebras and study a commutative algebra version of Loday's theorem on n-types of simplicial groups.

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Turk. J. Math., **22**, (1998), 243-272. Full text: <u>pdf</u> Other articles published in the same issue: <u>Turk. J. Math.,vol.22,iss.3</u>.

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