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Relations Among Algebraic Models of 1-Connected Homotopy 3-Types

Erdal ULUALAN

Dumlupinar University,

Department of Mathematics,

Kütahya-TURKEY

e-mail: eulualan@dumlupinar.edu.tr

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 [Authors](#)

**Abstract:** In this paper, we explore the relations among reduced cases of algebraic models for homotopy 3-types for groups such as braided crossed and quadratic modules and reduced simplicial groups with Moore complex of length 2.

**Key Words:** Braided Crossed modules, Cat-groups, Simplicial groups, Quadratic Modules



[math@tubitak.gov.tr](mailto:math@tubitak.gov.tr)

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