

Turkish Journal of Mathematics


Turkish Journal

of

Mathematics

Pushouts of Profinite Crossed Modules and cat^1 -profinite groups

Murat ALP, Özgün GÜRME
Dumlupınar University, Art and Science Faculty
Department of Mathematics, Kütahya
e-mail: malp & ogurmen@dumlupinar.edu.tr

 [Keywords](#)
 [Authors](#)

Abstract: In this paper, we presented a brief review of crossed modules [7], cat^1 -groups [6], pullback crossed modules [4], pullback cat^1 -group [1], profinite crossed modules [5], cat^1 -profinite groups [5], pullback profinite crossed modules [5], pullback cat^1 -profinite groups [3]. We defined the pushout cat^1 -profinite groups and gave the left adjoint constructions.

Key Words: Crossed modules, Cat^1 -groups, Profinite groups, Pushout, Pullback, Adjoint



math@tubitak.gov.tr

[Scientific Journals Home
Page](#)

Turk. J. Math., **27**, (2003), 539-548.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Math., vol.27, iss.4.](#)