

# Turkish Journal of Mathematics

Turkish Journal

of

Mathematics

On Graded Secondary Modules


S. Ebrahimi ATANI and F. FARZALIPOUR

Department of Mathematics,

University of Guilan

P.O. Box 1914 Rasht-IRAN

e-mail: ebrahim@guilan.ac.ir

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

**Abstract:** Let  $G$  be a group with identity  $e$ , and let  $R$  be a  $G$ -graded commutative ring. Here we study the graded primary submodules of a  $G$ -graded  $R$ -module and examine when graded submodules of a graded representable module are graded representable. A number of results concerning of these class of submodules are given.

**Key Words:** Graded secondary modules, Graded primary submodules



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

[Scientific Journals Home  
Page](#)

---

Turk. J. Math., **31**, (2007), 371-378.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Math., vol.31, iss.4.](#)