

Year: 2017	Vol.: 91	Fasc.: 1-2
------------	----------	------------

Title: Gorenstein flat and projective (pre)covers

Author(s): Sergio Estrada, Alina Iacob and Sinem Odabasi

We consider a left GF-closed ring R . We prove that the class of Gorenstein flat complexes is covering in the category of complexes of left R -modules $\text{Ch}(R)$. When R is right coherent and left n -perfect, we prove that the class of Gorenstein projective complexes is special precovering in $\text{Ch}(R)$.

Address:

Sergio Estrada
Department of Mathematics
University of Murcia
Murcia
Spain

Address:

Alina Iacob
Department of Mathematical Sciences
Georgia Southern University
65 Georgia Ave. Room 3008
P. O. Box 8093
Statesboro, GA 30460
USA

Address:

Sinem Odabasi
Universidad Austral de Chile
Valdivia
Chile