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Title: Gorenstein flat and projective (pre)covers

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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 $\text{Ch}(R)$.

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