Title: On mininjective and min-flat modules

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A left R-module M is said to be mininjective if $\mathrm{Ext}^1(R/I, M) = 0$ for any simple left ideal I of R. A ring R is called left min-coherent in case each simple left ideal of R is finitely presented. It is shown that every left R-module over a left min-coherent ring R has a mininjective cover. We also give some new characterizations of left FS rings, left PS rings and left universally mininjective rings.

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