ABSTRACT Salce

I present the results contained in two recent papers related to injective modules:


The results in these papers have in common the fact that they are strictly related to two papers of mine. The first one is:


Lemma 3 in [S1] shows that the ring of the integers is the intersection of divisible groups; it has a gap corrected in [B], where the original proof of the lemma is extended passing from abelian groups to general modules. The second paper is:


The main construction of [S2], inspired by an old paper by Hill on p-groups and adapted to modules by Griffith and Zimmermann-Huisgen, is replaced in [GIT] by a more natural technique producing finitely injective modules over non-Noetherian rings which fail to be direct sums of injectives, thus providing a positive answer to a question posed in [S2].