

SSP rings and modules

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Abstract

© World Scientific Publishing Company. We study A - C_i modules ($i = 2, 3$), first introduced in [K. Oshiro, Continuous modules and quasi-continuous modules, Osaka J. Math. 20 (1983) 681-694], and A -SSP modules. We consider the cases when these classes of modules coincide. As a consequence, we obtain some results related to simple-direct-injective modules. We also investigate some properties of SSP formal matrix rings and describe semiartinian SSP rings.

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Keywords

formal matrix rings, semiartinian rings, SSP modules