Erratum to "Commutative rings with no super-decomposable modules"

By

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The current version of the Theorem 1., which appeared in Arch. Math. **42**, p. 517, requires an additional assumption about existence of maximal submodules. The following is the correct version.

Theorem 1. *Let R be a local commutative NS ring. Then $R/J^n(R)$ is an artinian PIR, for each $n \geq 1$. Moreover, if every non-trivial factor module of $J(R)$ has a proper maximal submodule then R is one of the following:*

- (i) $J(R)$ is idempotent and $\widehat{\text{Soc}}(R) \neq R$,
- (ii) R is an artinian PIR,
- (iii) $R/\bigcap J^n(R)$ is a CDVD.

As to a proof, since $R/J^n(R)$ is a semi V -ring and NS rings are closed under factors it suffices to prove only the special part of the theorem, for which, now, one can use the original version of the proof without any difficulty. Of course, the Corollary 2 should be changed mutatis mutandis. The rest of the paper holds without change.

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Anschrift des Autors.

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