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Hopfian module

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Defines cohopfian module

A left (right) module M over a ring R is Hopfian if every surjective R-endomorphism of M is an automorphism. Dually, a left (right) R-module M is cohopfian if every injective R-endomorphism of M is an automorphism.

References

[1] T. Y. Lam, Lectures on Modules and Rings, Springer-Verlag, New York (1999).