

# Quasi-Frobenius Rings

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math/0504068 A Note on Quasi-Frobenius Rings - arXiv A full treatment would work with non-commutative rings. I once assigned this 1 R is said to be quasi-Frobenius if R is injective as an R-module. Prove that.

QUASI-FROBENIUS RINGS - Library of Congress Dieudonné: Remarks on quasi-Frobenius rings - Project Euclid Generalizations of the theory of quasi-frobenius rings - WRAP. Quasi-Frobenius Rings Cambridge Tracts in Mathematics: W. K. The purpose of this paper is to characterize quasi-Frobenius, QF, rings in terms of relationships assumed to exist for each cyclic or finitely generated left module MORE ON QUASI-FROBENIUS RINGS - IOPscience Citation. Dieudonné, Jean. Remarks on quasi-Frobenius rings. Illinois J. Math. 2 1958, no. 3, 346--354. projecteuclid.org/euclid.ijm/1255454538. QUASI-FROBENIUS RINGS I'll sketch a solution to the following. In this thesis, we consider several generalizations of the theory of Quasi-Frobenius rings, and construct examples of the classes of rings we introduce. In Chapter The theory of Frobenius and quasi-Frobenius rings see. Definition 3.1 was showed that a quasi-Frobenius ring could be characterized as a Noetherian ring

Quasi-Frobenius Rings - Google Books Result 161. ON SMALL INJECTIVE, SIMPLE-INJECTIVE. AND QUASI-FROBENIUS RINGS. LE VAN THUYET and TRUONG CONG QUYNH. Abstract. Let R be a ring. Adobe PDF It is shown that a semiperfect ring R is quasi-Frobenius if and only if every closed. A ring R is called a quasi-Frobenius ring briefly, a QF-ring, if R is right or. Global dimension of quasi Frobenius ring - Math StackExchange A ring is called quasi-Frobenius if it is right or left selfinjective, and right or left artinian all four combinations are equivalent. The study of these rings grew out of The Concise Handbook of Algebra - Google Books Result that if M is a finitely generated free left module for a quasi-Frobenius ring R, quasi-Frobenius subrings of a simple ring with minimum condition which are. Quasi-Frobenius Rings - W. K. Nicholson, M. F. Yousif - Google Books 16 May 2007. Quasi-Frobenius rings. A left noetherian ring. R is called quasi-Frobenius QF if R. R is an in- jective module. Recall that an R-module R. A is. 373 374 OSOFSKY In Section 2, we discuss what happens if we drop all chain conditions, but retain some of the other properties of quasi-Frobenius rings.

Quasi-Frobenius ring - Wikipedia, the free encyclopedia A characterization of quasi-Frobenius rings. Authors. Ikeda, Masatoshi. Citation. Osaka Mathematical Journal. 42 P.203-P.209. Issue Date 1952. Text Version 161 ON SMALL INJECTIVE, SIMPLE-INJECTIVE AND QUASI. We prove that a ring R is quasi-Frobenius if and only if it is a left. of a quasi-. Frobenius ring includes annihilator conditions, whereas most of the criteria include. ?Some remarks on quasi-Frobenius rings - De Gruyter Abstract: We give some new characterizations of quasi-Frobenius rings by means of. right CF, semiregular, right JGP-injective ring is quasi-Frobenius, which Finite Frobenius Rings and Their Applications - Ohio University Quasi-Frobenius Rings. 1.1. Injective Modules. Injective modules are closely related to essential extensions. If  $K \subseteq M$  are modules, recall that  $K$  is called an A generalization of quasi-frobenius rings - ScienceDirect 1 Discrete systems over quasi-Frobenius rings. Let  $C \neq 0$  be a commutative quasi-Frobenius ring. Then  $\text{Hom}_C(\cdot, C)$  is exact and faithful, that is, it preserves and On the construction of quasi-Frobenius rings - ScienceDirect COMMUTATIVE QUASI-FROBENIUS RINGS. Pan Shizhong. Department of Applied Mathematics. Dalian University of Technology. Dalian, China 116024. QUASI-FROBENIUS RINGS AND GALOIS THEORY - Project Euclid ?This book provides an elementary, complete account of quasi-Frobenius rings at a level allowing researchers and graduate students to gain entry to the field. There are three outstanding conjectures about quasi-Frobenius rings: The Faith conjecture that every left perfect, right selfinjective ring is quasi-Frobenius The . QUASI-FROBENIUS RINGS - Assets - Cambridge University Press Perhaps the most important generalization is that of quasi-Frobenius rings QF rings, which are in turn generalized by right pseudo-Frobenius rings PF rings . COMMUTATIVE QUASI-FROBENIUS RINGS Pan Shizhong. A quasi-Frobenius ring QF ring is a left Artinian ring R with identity for which the left R-module  $RR$  is injective. Since Nakayama 8 introduced the notion o. Title A characterization of quasi-Frobenius rings. - Osaka University Quasi-Frobenius Rings Cambridge Tracts in Mathematics W. K. Nicholson, M. F. Yousif on Amazon.com. \*FREE\* shipping on qualifying offers. This book 1 Discrete systems over quasi-Frobenius rings . for a ring to be either von Neumann regular or quasi-Frobenius. Throughout,  $A$  denotes an associative ring with identity and  $A$ -modules are unital.  $J, Z, Y$  will Finite Quasi-Frobenius Modules and Linear Codes QUASI-FROBENIUS RINGS. The study of quasi-Frobenius rings grew out of the theory of group represen- tations in the 1940s and has produced an enormous On Quasi-Frobenius Rings - Springer A NOTE ON QUASI-FROBENIUS RINGS 1. Introduction A ring R is 12 Aug 2003. over quasi-Frobenius modules over commutative rings, and by J. Wood to codes over not necessarily commutative finite Frobenius rings. Two characterizations of quasi-Frobenius rings - MSP On Quasi-Frobenius Rings - ResearchGate 22 Oct 2012. Let R be a quasi-Frobenius ring so R is self-injective and left and right using the fact that a module over a quasi Frobenius ring is projective if Characterizations of quasi-Frobenius rings - Digital Repository. 5 Apr 2005. The conjecture is also equivalent to say every right noetherian left -injective ring is. In this short article, we show that the conjecture is true Quasi-Frobenius Rings - Cambridge Books Online - Cambridge. There are three outstanding conjectures about quasi-Frobenius rings: The Faith conjecture that every left perfect, right selfinjective ring is quasi-Frobenius The .