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Title:	On Unit-central rings
Authors:	Khurana, Dinesh (/jspui/browse?type=author&value=Khurana%2C+Dinesh)
Keywords:	Exchange rings Semi-exchange rings Unit-central rings
Issue Date:	2008
Publisher:	Springer
Citation:	Advances in ring Theory Trenads in Mathematics (2010) pp.,205-212
Abstract:	We establish commutativity theorems for certain classes of rings in which every invertible element is central, or, more generally, in which all invertible elements commute with one another. We prove that if R is a semiex- change ring (i.e. its factor ring modulo its Jacobson radical is an exchange ring) with all invertible elements central, then R is commutative. We also prove that if R is a semiexchange ring in which all invertible elements com- mute with one another, and R has no factor ring with two elements, then R is commutative. We offer some examples of noncommutative rings in which all invertible elements commute with one another, or are central. We close with a list of problems for further research.
Description:	*PI also see:appear in the proceedings of conference on Algebra and its application. Ohio University., June 18-21. Only IISERM authors are available in the record.
URI:	https://link.springer.com/chapter/10.1007/978-3-0346-0286-0_13 (https://link.springer.com/chapter/10.1007/978-3-0346-0286-0_13) math.slu.edu/~srivastava/unit-central.pdf (math.slu.edu/~srivastava/unit-central.pdf)
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