



Math for the people, by the people.

Marot ring

Canonical name	MarotRing
Date of creation	2013-03-22 15:43:03
Last modified on	2013-03-22 15:43:03
Owner	PrimeFan (13766)
Last modified by	PrimeFan (13766)
Numerical id	8
Author	PrimeFan (13766)
Entry type	Definition
Classification	msc 13A99

A *Marot ring* is any commutative ring with non-zero unity, where every regular ideal may be generated by regular elements.

Note. \mathbb{Z}_m is trivially a Marot ring (see the entry “<http://planetmath.org/RegularIdealregular> ideal”); an integral domain is another example because it has no zero divisors.