



Math for the people, by the people.

sigma derivation

Canonical name	SigmaDerivation
Date of creation	2013-03-22 11:42:50
Last modified on	2013-03-22 11:42:50
Owner	antizeus (11)
Last modified by	antizeus (11)
Numerical id	22
Author	antizeus (11)
Entry type	Definition
Classification	msc 16S36
Classification	msc 81S40
Classification	msc 81Txx
Classification	msc 18E05
Classification	msc 55N40
Classification	msc 18-00

If σ is a ring endomorphism on a ring R , then a *(left) σ -derivation* is an additive map δ on R such that $\delta(x \cdot y) = \sigma(x) \cdot \delta(y) + \delta(x) \cdot y$ for all x, y in R .