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## superfluous submodule

Canonical name SuperfluousSubmodule
Date of creation 2013-03-22 12:10:02
Last modified on 2013-03-22 12:10:02

Owner antizeus (11) Last modified by antizeus (11)

Numerical id 6

Author antizeus (11) Entry type Definition Classification msc 16D80 Let X be a submodule of a module Y. We say that X is a superfluous submodule of Y if whenever A is a submodule of Y such that A+X=Y, then A=Y.