



planetmath.org

Math for the people, by the people.

extension

Canonical name	Extension
Date of creation	2013-03-22 13:51:10
Last modified on	2013-03-22 13:51:10
Owner	bwebste (988)
Last modified by	bwebste (988)
Numerical id	4
Author	bwebste (988)
Entry type	Definition
Classification	msc 20E22

A short exact sequence $0 \rightarrow A \rightarrow B \rightarrow C \rightarrow 0$ is sometimes called an extension of C by A . This is also applied to an object B which fits into such an exact sequence.