



Math for the people, by the people.

relative algebraic closure

Canonical name	RelativeAlgebraicClosure
Date of creation	2013-03-22 15:55:51
Last modified on	2013-03-22 15:55:51
Owner	polarbear (3475)
Last modified by	polarbear (3475)
Numerical id	5
Author	polarbear (3475)
Entry type	Definition
Classification	msc 12F05

Let L be a field extension of K . We denote by \overline{A} the set of all elements of L that are algebraic over K . We will call \overline{A} the (relative) algebraic closure of K in L . We have that \overline{A} is a field between K and L .