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linearly ordered

Canonical name	LinearlyOrdered
Date of creation	2013-03-22 12:09:15
Last modified on	2013-03-22 12:09:15
Owner	akrowne (2)
Last modified by	akrowne (2)
Numerical id	6
Author	akrowne (2)
Entry type	Definition
Classification	msc 03-00
Synonym	linear ordering
Synonym	totally ordered
Synonym	total ordering
Related topic	chain

An ordering \leq (or $<$) of A is called *linear* or *total* if any two elements of A are comparable. The pair (A, \leq) is then called a *linearly ordered set*.