



Math for the people, by the people.

inductively ordered

Canonical name	InductivelyOrdered
Date of creation	2013-03-22 14:55:21
Last modified on	2013-03-22 14:55:21
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Last modified by	rspuzio (6075)
Numerical id	8
Author	rspuzio (6075)
Entry type	Definition
Classification	msc 06A99
Related topic	ZornsLemma
Defines	inductive order
Defines	inductively orderes set

A partially ordered set A is *inductively ordered* iff every chain of elements of A has an upper bound in A .

Examples. The power set 2^M of any set M is inductively ordered by the <http://planetmath.org/Setset> inclusion; any finite set of integers is inductively ordered by divisibility.

Cf. inductive set.