



Math for the people, by the people.

sharply multiply transitive

Canonical name	SharplyMultiplyTransitive
Date of creation	2013-03-22 13:16:39
Last modified on	2013-03-22 13:16:39
Owner	mathcam (2727)
Last modified by	mathcam (2727)
Numerical id	5
Author	mathcam (2727)
Entry type	Definition
Classification	msc 20B20
Synonym	sharply n -transitive

Let G be a group, and X a set that G acts on, and let $X^{(n)}$ be the set of ordered n -tuples of distinct elements of X . Then the action of G on X is *sharply n -transitive* if G acts regularly on $X^{(n)}$.