non-generator

Canonical name	Nongenerator
Date of creation	2013-03-22 12:23:43
Last modified on	2013-03-22 12:23:43
Owner	Evandar (27)
Last modified by	Evandar (27)
Numerical id	4
Author	Evandar (27)
Entry type	Definition
Classification	msc 20E99
Synonym	nongenerator
Related topic	FrattiniSubgroup
Related topic	Generator

Let G be a group. $g \in G$ is said to be a *non-generator* if whenever X is a generating set for G then $X \smallsetminus \{g\}$ is also a generating set for G.