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proper subgroup

Canonical name	ProperSubgroup
Date of creation	2013-03-22 12:49:10
Last modified on	2013-03-22 12:49:10
Owner	yark (2760)
Last modified by	yark (2760)
Numerical id	7
Author	yark (2760)
Entry type	Definition
Classification	msc 20A99
Related topic	Subgroup
Related topic	Group
Defines	improper subgroup

A *proper subgroup* of a group G is a subgroup H of G such that $H \neq G$.
The only subgroup of G that is not a proper subgroup is G itself, which may therefore occasionally be called an *improper subgroup*.