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Frattini subgroup

Canonical name FrattiniSubgroup
Date of creation 2013-03-22 12:23:41
Last modified on 2013-03-22 12:23:41

Owner Evandar (27) Last modified by Evandar (27)

Numerical id 4

Author Evandar (27) Entry type Definition Classification msc 20E99

 $Related\ topic \qquad Something Related\ To Burnside\ Basis\ Theorem$

Let G be a group. The $\Phi(G)$ of G is the intersection of all maximal subgroups of G.

Equivalently, $\Phi(G)$ is the subgroup of non-generators of G.