

planetmath.org

Math for the people, by the people.

Nielsen-Schreier theorem

Canonical name NielsenSchreierTheorem

Date of creation 2013-03-22 12:54:07 Last modified on 2013-03-22 12:54:07

Owner yark (2760) Last modified by yark (2760)

Numerical id 9

Author yark (2760) Entry type Theorem Classification msc 20E05 Every http://planetmath.org/Subgroupsubgroup of a free group is free. This theorem is named after Jakob Nielsen, who in 1921 proved that every subgroup of a free group of http://planetmath.org/FreeGroupfinite rank is free, and Otto Schreier, who proved the full result in 1927.