



Math for the people, by the people.

full subgroup

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| Canonical name | FullSubgroup |
| Date of creation | 2013-03-22 17:04:29 |
| Last modified on | 2013-03-22 17:04:29 |
| Owner | Mathprof (13753) |
| Last modified by | Mathprof (13753) |
| Numerical id | 6 |
| Author | Mathprof (13753) |
| Entry type | Definition |
| Classification | msc 22A05 |
| Synonym | open subgroup |
| Synonym | clopen subgroup |

A subgroup of a topological group is *full* if it has a nonempty interior.
Theorem. A full subgroup is both open and closed.

References

- [1] Paul R. Halmos, *Measure Theory*, Springer-Verlag (1974).