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Title: Subnormal Subgroups Authors: Singh, Shrinit (/jspui/browse?type=author&value=Singh%2C+Shrinit) Keywords: Mathematics Finite Groups Subnormal Subgroups Issue Date: 17-Jul-2017 Publisher: **IISER-M** Abstract: Subnormality is a very natural generalisation of normality. Not much attention was given to subnormal subgroups until Wielandt proved his classic result on join of sub- normal subgroups of finite groups in 1939.[3] In my thesis, I am reviewing the properties of subnormal subgroups and those groups which have every subgroup subnormal. I have devoted the first chapter to give elementary results on join of subnormal sub- groups. In the end of the first chapter, I have given three proofs of Wielandt join theorem. In the second chapter, I have focused on those groups which have every subgroup subnormal. My main focus is to study non-nilpotent groups with every subgroup subnormal, mainly Heineken-Mohamed groups. URI: http://hdl.handle.net/123456789/807 (http://hdl.handle.net/123456789/807) Appears in MS-12 (/jspui/handle/123456789/723) Collections:

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