

ALGEBRAIC AND TOPOLOGICAL METHODS IN NON-CLASSICAL LOGICS III
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**A CATEGORICAL ACCOUNT OF THE LOCALIC CLOSED
SUBGROUP THEOREM**

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Given an axiomatic account of the category of locales the closed subgroup theorem is proved. The theorem is seen as a consequence of a categorical account of the Hofmann-Mislove theorem. The categorical account has an order dual providing a new result for locale theory: every compact subgroup is necessarily fitted.

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