METADATA

Title: Groups and Topology

Other Titles: -

Language: Greek

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ISBN: 978-618-5726-94-2

Subject: MATHEMATICS AND COMPUTER SCIENCE

Keywords: Free groups / Free products with amalgamation / Higman-Neumann-Neumann extensions / Groups acting on trees / Fundamental group

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Abstract

The purpose of this book is to introduce the readers to two areas of mathematics, the Geometric and Combinatorial group theory and the Algebraic Topology by highlighting the relationship between them, which is mainly based on the theorem of Seifert-Van Kampen and the action of a group on the universal cover of an appropriate topological space.