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   Disciplina   511.3/26

   Soggetti   Manifolds and cell complexes {For complex manifolds, see 32Qxx} -- Low-dimensional topology -- Topological methods in group theory
                        Group theory and generalizations -- Structure and classification of infinite or finite groups -- Free nonabelian groups
                        Group theory and generalizations -- Special aspects of infinite or finite groups -- Geometric group theory [See also 05C25, 20E08, 57Mxx]
                        Group theory and generalizations -- Special aspects of infinite or finite groups -- Automorphism groups of groups [See also 20E36]
                        Non-Abelian groups
                        Geometric group theory
                        Decomposition (Mathematics)
                        Automorphisms
                        Algebraic topology

   Lingua di pubblicazione   Inglese

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   Nota di contenuto   Introduction to subgroup decomposition - Preliminaries : decomposing outer automorphisms -- Geometric EG strata and geometric laminations -- Vertex groups and vertex group systems -- Statements of the main results -- Preliminaries -- An outline of the relative Kolchin theorem -- IAn(Z/3) periodic conjugacy classes -- IAn(Z/3) periodic free factors -- Limit trees -- Carrying asymptotic data : proposition 3.4 -- Finding Nielsen pairs : proposition 3.7 -- The nonattracting subgroup system -- Nonattracted lines -- Ping-pong on geodesic lines -- Proof of theorem C -- A filling lemma.