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| Nota di contenuto | ""Contents""; ""0. Introduction""; ""1. Graphs of groups, tree actions and edge-indexed graphs""; ""1.1 Graphs of groups""; ""1.2 Group actions on trees and quotient graphs of groups""; ""1.3 Edge-indexed graphs and their groupings""; ""1.4 Existence of finite groupings""; ""2. Aut(X) and its discrete subgroups""; ""2.1 Tree lattices""; ""2.2 The group G [sub(H)] of deck transformations""; ""2.3 Constructing tree lattices""; ""3. Existence of tree lattices""; ""3.1 Locally compact groups and their lattices""; ""3.2 Lattice Existence Theorem"" ""3.3 Existence of non-uniform lattices on uniform trees""""3.4 Existence of non-uniform coverings""; ""4. Non-uniform coverings of indexed graphs with an arithmetic bridge""; ""4.1 Geometric and arithmetic bridges in indexed graphs""; ""4.2 Changing the ramification factor of an arithmetic bridge""; ""4.3 Gluing unimodular subgraphs along connected intersections""; ""4.4 Open fanning of arithmetic bridges""; ""4.5 Indexed topological coverings""; ""4.6 Step 1 - Schematic diagram""; ""4.7 Step 2 - Construct topological covering""; ""4.8 Step 3 - Change the ramification factor"" ""4.9 Step 4 - Construct rectangles""""4.10 Step 5 - Glue rectangles iteratively""; ""4.11 Step 6 - Adjoin bridges""; ""4.12 Step 7 - Multiple open fanning""; ""4.13 Edge with a common factor implies non-uniform covering""; ""5. Non-uniform coverings of indexed graphs with a |

separating edge"; ""6. Non-uniform coverings of indexed graphs with a ramified loop"; ""7. Eliminating multiple edges"; ""7.1 Simplification of a graph with no loops"; ""7.2 Graphs with multiplicities"; ""7.3 Reduced factorization of an indexed graph""
""7.4 Canonical simplification of a unimodular indexed graph with no loops""""8. Existence of arithmetic bridges"; ""8.1 Unramified Loops"";
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