

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910818801703321 |
| Autore | Kida Yoshikata <1982-> |
| Titolo | The mapping class group from the viewpoint of measure equivalence theory // Yoshikata Kida |
| Pubbl/distr/stampa | Providence, Rhode Island : , : American Mathematical Society, , [2008] ©2008 |
| ISBN | 1-4704-0522-9 |
| Descrizione fisica | 1 online resource (206 p.) |
| Collana | Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 916 |
| Disciplina | 511.3/26 |
| Soggetti | Mappings (Mathematics) Class groups (Mathematics) Measure theory |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "November 2008, volume 196, number 916 (third of 5 numbers)." |
| Nota di bibliografia | Includes bibliographical references (pages 183-186) and index. |
| Nota di contenuto | <p>""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Property A for the curve complex""; ""1. Geometry of the curve complex""; ""2. Generalities for property A""; ""3. Property A for the curve complex""; ""4. Exceptional surfaces""; ""Chapter 3. Amenability for the action of the mapping class group on the boundary of the curve complex""; ""1. The mapping class group and the Thurston boundary""; ""2. The boundary at infinity of the curve complex""; ""3. Amenability for the actions of the mapping class group""; ""4. The boundary of the curve complex for an exceptional surface""</p> <p>""Chapter 4. Indecomposability of equivalence relations generated by the mapping class group""""1. Construction of Busemann functions and the MIN set map""; ""2. Preliminaries on discrete measured equivalence relations""; ""3. Reducible elements in the mapping class group""; ""4. Subrelations of the two types: irreducible and amenable ones and reducible ones""; ""5. Canonical reduction systems for reducible subrelations""; ""6. Indecomposability of equivalence relations generated by actions of the mapping class group""; ""7. Comparison with hyperbolic groups""</p> <p>""Chapter 5. Classification of the mapping class groups in terms of measure equivalence I""""1. Reducible subrelations, revisited""; ""2.</p> |

Irreducible and amenable subspaces"; "3. Amenable, reducible subrelations"; "4. Classification"; "Chapter 6. Classification of the mapping class groups in terms of measure equivalence II"; "1. Geometric lemmas"; "2. Families of subrelations satisfying the maximal condition"; "3. Application I (Invariance of complexity under measure equivalence)"; "4. Application II (The case where complexity is odd)"; "5. Application III (The case where complexity is even)"; "Appendix A. Amenability of a group action"; "1. Notation"; "2. Existence of invariant means"; "3. The fixed point property"; "Appendix B. Measurability of the map associating image measures"; "Appendix C. Exactness of the mapping class group"; "Appendix D. The cost and H^2 -Betti numbers of the mapping class group"; "1. The cost of the mapping class group"; "2. The H^2 -Betti numbers of the mapping class group"; "Appendix E. A group-theoretic argument for Chapter 5"; "Bibliography"; "Index"; "A"; "B"; "C"; "D"; "E"; "F"; "G"; "H"; "I"; "L"; "M"; "N"; "O"; "P"; "Q"; "R"; "S"; "T"; "U"; "V"; "W"
