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| Nota di contenuto | <p>""Contents""; ""Introduction""; ""Artin's Braid Group and the Homology of Certain Subgroups of the Mapping Class Group""; ""1 Statement of Results""; ""2 Presentations""; ""3 $H^*(K[\text{sub}(n)]; Z)$""; ""4 Proof of Theorem 1.1""; ""5 The mod $\mathbb{Z}/5$ Cohomology of $T[\text{sup}(0)][\text{sub}(2,0)]$ and $T[\text{sup}(6)][\text{sub}(0,0)]$""; ""6 The mod $\mathbb{Z}/3$ Cohomology of $T[\text{sup}(0)][\text{sub}(2,0)]$""; ""7 The mod $\mathbb{Z}/2$ Cohomology of $T[\text{sup}(0)][\text{sub}(2,0)]$; Theorems 1.3 and 1.4""; ""8 $H^*(\mathbb{Z}/6; H^*(K[\text{sub}(6)]; F[\text{sub}(5)]))$; Theorem 5.3""; ""9 Theorem 1.6""; ""10 Facts about $B[\text{sub}(n)]$ and Lemmas 3.2 and 3.3""</p> <p>""Specht Modules and the Cohomology of Mapping Class Groups""""1 Introduction""; ""2 The modules $H[\text{sup}(j)](K[\text{sub}(n)], Z)$, $j \leq 3$""; ""3 Modules for $A[\text{sub}(6)]$ and $\mathbb{Z}/6$ in characteristic two""; ""4 Diagrams for $H[\text{sup}(j)](K[\text{sub}(6)], F[\text{sub}(2)])$ as $F[\text{sub}(2)]A[\text{sub}(6)]$ modules""; ""5 Calculation of $H^*(\mathbb{Z}/6; H^*(K[\text{sub}(6)], F[\text{sub}(2)]))$""; ""6 Finite subgroups of $T[\text{sup}(6)][\text{sub}(0,0)]$ and $T[\text{sup}(0)][\text{sub}(2,0)]$""; ""7 Calculation of the spectral sequences for $H^*(T[\text{sup}(6)][\text{sub}(0,0)], F[\text{sub}(2)])$ and $H^*(T[\text{sup}(0)][\text{sub}(2,0)], F[\text{sub}(2)])$""</p> |

""8 Calculations in characteristic three""The mod 2 cohomology of the mapping class group for a surface of genus two""; ""1 Introduction""; ""2 A construction for $K(T[\sup(n)]_{\sub(0,0)}, 1)$; characteristic classes""; ""3 Steenrod operations on $H^*(F(S[\sup(2)], 6)/\mathcal{L}[\sub(6)], F[\sub(2)])$ ""; ""4 Steenrod operations on $H^*(T[\sup(6)]_{\sub(0,0)}, F[\sub(2)])$ ""; ""5 The spectral sequence for $T[\sup(0)]_{\sub(2,0)}$ ""
