

## PUBLICATIONS

- (1) “Generators for the Mapping Class Groups,” *Springer Lecture Notes in Math* **722** (1979), 44–47.
- (2) (with R. Brown) “Orbits Under Symplectic Transvections I,” *Proc. London Math. Soc.* (3) **52** (1986), 517–531.
- (3) (with R. Brown) “Orbits Under Symplectic Transvection II,” *Proc. London Math. Soc.* (3) **52** (1986), 532–556.
- (4) (with D. Johnson) “A generalization of winding number functions on surfaces,” *Proceedings of London Math. Soc.* (3) **58** (1989), 366–386.
- (5) “Graphs and Nielsen Transformations of Symmetric, Orthogonal and Symplectic groups,” *Quarterly Journal Math. Oxford* (2) **36** (1985), 297–313.
- (6) “On Weakly Distinguished Bases and free Generating sets of free groups,” *Quarterly J. Math. Oxford* (2) **36** (1985), 215–219.
- (7) “Generation of Special Linear Groups by Transvections,” *Journal of Algebra* **99** (1986), 480–495.
- (8) “Free subgroups of  $SL(n, Z)$ ,  $n > 2$ , generated by transvections,” *Journal of Algebra*, **116** (1988), 155–162.
- (9) (with D. D. Long) “On the Mal’cev quotients of certain hyperbolic link groups,” *Math. Proc. Cambridge Phil. Soc.* **102** (1987), 475–480.
- (10) “Free Products in Mapping Class Groups generated by Dehn Twists,” *Glasgow Journal of Mathematics*, **31** (1989), 213–218.
- (11) “Some Subgroups of  $SL(3, Z)$  generated by involutions,” *Glasgow Math. Journal* **32** (1990), 127–136.
- (12) “Split Braids,” *Proc. Amer. Math. Soc.* **113** (1991), 21–26.
- (13) “An approach to Automorphisms of Free Groups and Braids via transvections,” *Mathematische Zeitschrift* **209** (1992), 131–152.
- (14) “Some subgroups of  $SL(3, Z)$  generated by transvections,” *Communications in Algebra* **20**(6) (1992), 1675–1703.
- (15) “Quotients of Coxeter complexes, Fundamental Groupoids and Regular graphs,” *Math. Zeitsch.*, **217** (1994), 247–273.
- (16) “Normal Closures of Dehn Twists in Mapping Class groups,” *Glasgow Math. Journal* **34** (1992), 313–317.
- (17) “On Reducible Braids and Composite Braids,” *Glasgow Math. J.*, **36** (1994), 197–199.
- (18) “On representations of Artin groups and the Tits Conjecture,” *Journal of Algebra*, **169** (3), (1994), 847–862.
- (19) “A new characterisation of braid groups and rings of invariants for symmetric automorphism groups,” *Math. Zeitsch.*, **224** 255–287 (1997).
- (20) “Cogrowth and the Dedekind-Frobenius group determinant,” *Philosophical Proceedings of the Cambridge Math. Soc.*, **121**, 193–217 (1997), .
- (21) “Cogrowth of Groups and a matrix of Redheffer,” *Linear Algebra and Applications*, **265** (1997) 101–117 .
- (22) “Action of some braid groups on Hodge Algebras” *Communications in Algebra*. **26**, (1998) 1233–1242.
- (23) “Weak Cayley Table Groups,” *Journal of Algebra* **216** (1999) 135–158.
- (24) “Braid groups, infinite Lie algebras of Cartan type and rings of invariants”, *Topology and its Applications* **95** (1999) 173–205 .
- (25) “Some Linear Representations of Braid Groups,” *Journal of Knot Theory*

*and its Ramifications* **9 (3)** (2000) 341-366.

- (26) "Torsion-free quotients of braid groups," (preprint) (1999) 9 pages, accepted IJAC.
- (27) "Intersection number operators for curves on discs and Chebychev Polynomials," (preprint) (1998) 29 pages, to appear in Proceeding of Birmanfest.
- (28) "Intersection number operators for curves on discs II," (preprint) (1999) 12 pages, to appear in Geometriae Dedicata.
- (29) "Action of braid groups on determinantal ideals, compact spaces and a stratification of Teichmüller space" (preprint) (2000) 50 pages, to appear in Inventiones Mathematicae.
- (30) "Representations of Braid groups via determinantal rings" (preprint) (2001) 42 pages, submitted.