Contents

On the Hall algebra of an elliptic curve, I	
IGOR BURBAN and OLIVIER SCHIFFMANN	1171
Expander graphs, gonality, and variation of	
Galois representations	
JORDAN S. ELLENBERG, CHRIS HALL, and	
EMMANUEL KOWALSKI	1233
The Hilbert scheme of a plane curve singularity	
and the HOMFLY polynomial of its link	
ALEXEI OBLOMKOV and VIVEK SHENDE	1277
Topological self-joinings of Cartan actions by toral automorphisms	
ELON LINDENSTRAUSS and ZHIREN WANG	1305
Monodromy of codimension 1 subfamilies of universal curves	
RICHARD HAIN	1351
Linear relations between polynomial orbits	
DRAGOS GHIOCA, THOMAS J. TUCKER, and	
MICHAEL E. ZIEVE	1379