1026-11-171 Yiannis N Petridis* (petridis@member.ams.org), 365 Fifth Ave. Room 4208, Mathematics Ph.D. Program, The Graduate Center, New York, NY 10016-4309, and Morten Skarsholm Risager. On Eisenstein series twisted by modular symbols.

We investigate applications of Eisenstein series twisted by modular symbols in the distribution of modular symbols and the stability of embedded eigenvalues. (Received February 26, 2007)