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Lloyd J Kilford* (l.kilford@gmail.com), Department of Mathematics, University Walk,
Bristol, BS8 1TW, England. *Explicit computations of Hecke operators on automorphic forms.*

We will give a brief introduction to classical and overconvergent automorphic forms, and present the results of explicit computations relating automorphic forms and elliptic modular forms of weight 1 (using a form of the Jacquet-Langlands correspondence). This is joint work with Kevin Buzzard. (Received June 13, 2008)