

1. Tables 2-6.

Table 2 has been prepared for this volume by N.M. Stephens and James Davenport using the ATLAS at the Chilton laboratory. No errors are likely, but it is possible that in one or two cases a multiple of a generator has been listed rather than a generator.

Table 3 was prepared by J. Vélú; except for the eigenvalues of the W_q , the calculations have been performed independently by Stephens and Vélú, and no discrepancy has been observed; there are also strong requirements of consistency. The W_q -eigenvalues were calculated separately by D.J. Tingley, by operating on the one-dimensional homology; his results were incorporated in Vélú's tables by reading in cards. Consistency requirements make any errors in these particular calculations of Tingley hardly conceivable; copying errors are possible but unlikely. The identifying letters of the curves in this table have been added in manuscript; I hope they have never been jumbled.

Table 4 has been extracted from the unpublished 1966 Manchester thesis of F.B. Coghlan. Unless some mathematical error has remained undetected, the table should be complete.

The third column of Table 5 comes from a much larger table supplied by A.O.L. Atkin; the final column was supplied by D.J. Tingley, who has completely computed the action of the Hecke algebra on the 1-dimensional homology for $N \leq 300$. His complete tables of eigenvalues will be published elsewhere. Table 6, too, is copied from a table of Atkin's; this table is new, note that the much shorter table of Deuring contains errors. Tables 3 and 6 were produced by typewriter rather than line-printer; it was very difficult to avoid slips.