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# A First Course in Modular Forms: Corrections to the Second Printing

May 8, 2007

(See also the corrections to the third printing, which are corrections to the second printing as well.)

## Chapter 1

- Page 20, lines 11–12: Change “ $+2\pi i$ ” to “ $-2\pi i$ ” four times.
- Page 24, Exercise 1.2.8(f): Change “ $G_{2,N}$ ” to “ $G_2$ ” twice.

## Chapter 4

- Page 159, display (4.49): Change “ $(\tau)$ ” to “ $(\tau, N)$ ” three times.
- Page 160, line 3: Change “ $e^{2\pi i\tau}$ ” to “ $e^{2\pi im\tau}$ ”.

## Chapter 5

- Page 190, line (–11): Change “ $M$ ” to “ $N$ ”.

## Chapter 9

- page 385, parts (a) and (c) of Exercise 9.4.4: Change “maximal ideal  $\mathfrak{p} \in \overline{\mathbf{Z}}$ ” to “maximal ideal  $\mathfrak{p} \subset \overline{\mathbf{Z}}$ ”.
- page 397, lines 1 and 2: Change “ $\overline{\rho}_{E,3}$ ” and “ $\overline{\rho}_{E,5}$ ” to “ $\rho_{E,3}$ ” and “ $\rho_{E,5}$ ”.

## Hints and Answers to the Exercises

Springer–Verlag has butchered these pages beyond the point that can readily be straightened out with an errata list. The authors are not to blame for this.

## List of Symbols

- Page 423, second column, line 17: Change “ $M$ ” to “ $N$ ”.