

## Changes to *Summing It Up*

Thanks to Paul Stanford and John Stroughair.

Page 21, second displayed equation: “ $(p - 1)$ ” should be “ $(p - 1)!$ ”.

Page 94, line -5: Delete “for all  $s \neq 0$ ”.

Page 120, definition of  $\Lambda(n)$ : “for some prime  $p$ ” should be “for some prime  $p$ ”.

Page 165, start of paragraph 3: “OKay” should be “Okay”.

Page 170, formula (13.3): The summation variable should be  $n$  and not  $m$ :  $\sum_{n=1}^{\infty}$ .

Page 178, table 13.1: “k” should be “ $k$ ”.

Page 186, displayed equation: The summation should begin at 0 and not 1:  $\sum_{n=0}^{\infty}$ .

Page 201, point (a): “... level  $N$  and weight  $k$ ...”

Page 209, footnote, first equation: The parentheses are not paired properly:

$$\frac{1}{2} \left( \Delta \left( z + \frac{1}{2} \right) + \Delta(z) \right) = \sum \tau(2n)q^{2n}$$

This is better:

$$\frac{1}{2} \left[ \Delta \left( z + \frac{1}{2} \right) + \Delta(z) \right] = \sum \tau(2n)q^{2n}$$