

## Errata in Beginning Number Theory (2nd Ed.) by Neville Robbins

- p. vii 10.2 change  $x_2 - Dy_2 = 1$  to  $x^2 - Dy^2 = 1$
- p. vii 10.2 change  $x_3 = y_2 + k$  to  $x^3 = y^2 + k$
- p. 19 1. 3 change  $\binom{n}{k}$  to  $\binom{n}{0}$
- p. 19 Formula  $B_2$  change  $n - k - 1$  to  $k - 1$
- p. 23  $I_5$  change  $|x + y|$  to  $[x + y]$
- p. 25 5. (at bottom) change  $\frac{n-5k}{2}$  to  $[\frac{n-5k}{2}]$  in both formulas
- p. 41 top line change  $[\frac{a}{c} \cdot \frac{b}{c}]$  to  $[\frac{a}{c}, \frac{b}{c}]$
- p. 42 Exercise 1 (at bottom) change 2.17 to 2.18  
and change 2.18 to 2.19
- p. 48 Exercise 1 (at bottom) change 2.21 to 2.22, 2.22 to 2.23,  
2.23 to 2.24, 2.24 to 2.25
- p. 54 bottom line change 2.13 to 2.14
- p. 57 third line below Definition 3.3 change 3.5 to 3.6
- p. 59 last two displayed equations omit left parenthesis immediately to  
right of  $a_k$
- p. 68 5(b) change 3.18 to 3.17
- p. 68 5(c) change 3.19 to 3.18
- p. 69 15 change  $tg_p(n)$  to  $t_p(n)$
- p. 70 Omit 28(b) and change 28(c) to 28(b)
- p. 78 10 change  $Z$  to  $N$  in each of the 4 places where  $Z$  appears
- p. 85 table at bottom and line immediately above change  $s_j$  to  $x_j$  and  
 $t_j$  to  $y_j$
- p. 86 table change  $s_j$  to  $x_j$  and  $t_j$  to  $y_j$
- p. 102 first displayed equation in proof change  $a^{p-1} \equiv a \pmod{p}$  to  
 $a^{p-1} \equiv 1 \pmod{p}$ .

- p. 104 displayed equation change  $x^n + y^n = x^n$  to  $x^n + y^n = z^n$
- p. 105 Exercise 5 change 2.12 to 2.13
- p. 144 Exercise 1f change  $d144$  to 144
- p. 153 Exercise 1 change  $(t, 12)$  to  $(t, 13)$
- p. 305 two lines below table change 180402201781924 to 18040220017081924