

ERRATA FOR *Ramsey Theory on the Integers: Second Edition*

Date: May 8, 2017

Chapter 2

p. 39, line 7: A_1, A_1 should be A_1, A_2

p. 42, line 8: the third term should be $\lfloor \frac{9-3}{2} \rfloor$ (denominator is 2 not 3)

p. 57, line 13: the last element of the set should be $\hat{w}(k; r-1)d$ (the d is missing)

p. 63, line -5/-4: replace “Erdős and Rado [131] showed, in 1952, that

$$r^{k-1} - c\sqrt{(k+1)\ln(k+1)}.”$$

with “Schmidt [360] showed, in 1962, that

$$w(k; r) \geq r^{k-c\sqrt{k \log k}}.”$$

Chapter 3

p. 79, line -9: the last element of the interval A_0 should be $x_k + d + k - 1$ (the subscript is missing)

p. 104, line 6: change “if” to “it”

Chapter 4

p. 122, line -2: the interval should be $[1, 96]$ not $[1, 72]$

p. 141, Exercise 4.3: change “ $d_2, k_2 \geq 2$,” to “ $d_2, k_2 \geq 2$, where d_2 is even,”

Chapter 8

p. 224, line 10: change $\frac{n}{\gcd(n, p-1)}$ to $\frac{p-1}{\gcd(n, p-1)}$

Chapter 10

p. 344, line 4: this should be $8m - 5 + \lfloor \frac{2m-2}{3} \rfloor$ for $m \geq 6$