CORRECTIONS TO
# An Introduction to Mathematical Reasoning
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*Thanks to Jerry Folland and John Palmieri for pointing out these corrections.*

- p. 56, problem 21: $x + 1/x$ is to be interpreted as $x + (1/x)$, not $(x+1)/x$. Same goes for $x^n + 1/x^n$.

- p. 78, line 6 from bottom: $a \to n$.

- p. 97, last line of proof of Example 8.3.3: is $\to$ as.

- p. 125, 5th line of text: $n - i$ should be $n + 1 - i$.

- p. 184, problem 14: $N$ should be $\mathbb{N}$.

- p. 185, problem 18, line 4: the summation should be from 0 to $k$, not 0 to $n$.

- p. 185, problem 20, second line: change "disjoint" to "distinct."

- p. 267, second displayed equation: $\mathbb{Z}$ should be $X$.

- p. 269, last line: $(a_1, a_2) = (b_1, b_2)$ should be $(a_1, a_2) \sim (b_1, b_2)$.

- p. 270, problem 22.2: $Z^+$ should be $\mathbb{Z}^+$.

- p. 323, last 3 lines: In the last two sentences $X$ and $Y$ need to be switched.

- p. 327, solution to problem 14.1, line 2: $|X|$ should be $|A|$.

- p. 341, solution to problem 22.3: Change $f(a, 0)$ to $f(a + 1, 1)$, and $f(0, -a)$ to $f(1, 1 - a)$.