

**Corrections to:**  
***INTRODUCTORY MODERN ALGEBRA***  
**by Saul Stahl**

p. 6 line -13: Change to:

$$\begin{aligned}(2 + \sqrt{-1})^3 &= 2^3 + 3 \cdot 2^2 \sqrt{-1} + 3 \cdot 2 \cdot (\sqrt{-1})^2 + (\sqrt{-1})^3 \\ &= 8 + 12\sqrt{-1} - 6 - \sqrt{-1}\end{aligned}$$

p. 6 line -4: Change to: peril

p. 7 line 2: Delete: ”..”

p. 7 Exercise 15 needs a question mark.

p. 8 Exercise 16 needs a question mark.

p. 12 line -2: Change to: relation

p. 16 Exercise 13: Replace ” $\sqrt{3i}$ ” with  $\sqrt{3}i$ ”

p. 16 line -1: Change second  $z\bar{w}$  to:  $(\bar{z})(\bar{w})$

p. 26 line 7: Insert **8**.

p. 37 line -10: Add ”...” at the end of the number.

p. 48 line -13: Change to  $z^3 + (3\beta + p)z + q + \frac{\beta(3\beta+p)}{z} + \frac{\beta^3}{z^3} = 0$

p. 48 line -4: After  $(x + a/3)^3$  add  $+c - a^3/27$

p. 48 line -3: Delete ”(in fact rationally)”.

p. 76 line 9: Replace exponent ” $m + 1$ ” with ” $m - 1$ ”.

- p. 99 line 2: Change last "1" to "a"
- p. 116 Exercises 9-12: Add question marks.
- p. 211 Exercise 33: Change 15 to 12.
- p. 259 Below "Chapter Review Exercises": Add *Mark the following true or false.*
- p. 295 Exercise 8: Replace "1" with "4".
- p. 303 Exercises 1.1 #17 Add "or  $\alpha \geq 4$ ".
- p. 304 Exercises 2.2 #23: Replace " $\pm 1$ " with " $-1$ ".