

**ERRATA**  
**SOLUTIONS TO**  
**THEORY OF INTEREST AND LIFE CONTINGENCIES, WITH PENSION**  
**APPLICATIONS – A Problem-Solving Approach**  
**Third Edition**

Page 62 — Answer to Chapter 7, Question 7 (d), end of the first line should read “ ${}_{=30} p_{20}(1-{}_5 p_{50})$ ” instead of “ ${}_{=30} p_{20}(1-{}_5 p_{20})$ ”

Page 63 — Answer to Chapter 7, Question 11 (iii), second line should read “.8 is given by (i).” instead of “.8 is given by (ii).”

Page 63 — Answer to Chapter 7, Question 12, second line should read “ ${}_{=60} p_{30} = \frac{\ell_{90}}{\ell_{30}} = .2$ ” instead of

$${}_{=60} p_{30} = \frac{\ell_{70}}{\ell_{30}} = .2$$

Page 103 – Answer to Question 32.

In the third line, the term  $e^{-(.04)(8)}$  should be inserted before the integral sign, and the term  $e^{-.05t}$  should be  $e^{-.05(t-8)}$ .

In the fifth line, the term  $(e^{-.32})(e^{.40})$  should be inserted after the term  $(.05)$ .

In the sixth line, 27,188.82 should be 29,453.30 and 53, 289.68 should be 55,554.16.

The parenthetical comment should be removed, as the answer in the textbook is in fact correct.