

Page	Printed	Should be	Presentation
57, 58 Table 1-14 header, column 6	$E^\circ (E/\rho_\gamma)$	$E^\circ(E/\rho_\gamma)^\circ$	Corrected pages 57,58 File: AdCorBook57 AdCorBook58
152, after Table 3-16	Omission	Additional reference (<i>see on corrected page</i>)	Corrected page 152 File: AdCorBook152
194, Fig. 4-13c ordinate	b_1 , mm	$10^2 \times b_1$, mm	Corrected page 194 File: AdCorBook194
227, formula (5-12) right side	$(\partial^2/\partial t^2)$	$(\partial^2 v/\partial t^2)$	Corrected page 227 File: AdCorBook227
228, Table 5-1	Wrong header and Note	<i>See corrected page</i>	Corrected page 228 File: AdCorBook228
254, line 9, formula	$\frac{h n_f^2}{0.702\pi} \sqrt{E/\rho_\gamma} \sqrt{1 + \frac{Q_{ax}}{n_f^2 E J \pi^2}}$	$f_0 = \frac{h n_f^2 L^{-2}}{0.702\pi} \sqrt{E/\rho_\gamma} \sqrt{1 + \frac{Q_{ax} L^2}{n_f^2 E J \pi^2}}$	Corrected page 254 File: AdCorBook254
264, formula on line 19, and end addition	$\pi f_F = \frac{\pi^2}{2L^2} \sqrt{\frac{EJ}{m}}$	$f_F = \frac{\pi}{2L^2} \sqrt{\frac{EJ}{m}}$	Corrected page 264 File: AdCorBook264
365 line 1, formula power at x_{jn}^{**} change	$d_{ij} = \frac{(x_{jn}^{**})^3}{2q^3} (3x_{in}^{**} - x_{jn}^{**})$	$d_{ij} = \frac{(x_{jn}^{**})^2}{2q^3} (3x_{in}^{**} - x_{jn}^{**})$	Corrected page 365 File: AdCorBook365
373, line 15	(13a)	(9)	Corrected page 373 File: AdCorBook373
379, third line from the bottom, formulas (8-19) and on the bottom line	<p>(4-86)</p> $D_c = \rho_c = \frac{j_{k\tau} - j_{\tau\tau} i_\theta}{j_{kk} - j_{\tau k} i_\theta}$ $j_{\tau\tau} = G T_o (1 + \nu_{ipf} b_1^2 k / \lambda);$ $i_\theta = \frac{E k p}{4 G \lambda} (1 + \nu_{ipf} b_1^2 k p / \lambda)^{-1}.$	<p>(4-79)</p> $D_c = \rho_c = \frac{j_{k\tau} - j_{\tau\tau} i_{\theta m}}{j_{kk} - j_{\tau k} i_{\theta m}}$ $j_{\tau\tau} = G T_o (1 + \nu_{ipf} b_1^2 k p / \lambda);$ $i_{\theta m} = \frac{E k p}{4 n_a G \lambda} (1 + \nu_{ipf} b_1^2 k p / \lambda)^{-1}$	<p>Corrected page 379 with modified Fig. 8-11a</p> <p>File: AdCorBook379-</p> <p>*Modified pages 380-384, moves page numbers by 2 on Reference and Index pages</p>
380-382	Misprints	Page replacement with 2 pages addition on linear and nonlinear elastic pretwisted nanostrip model with comparison to recent experimental data	

*This modification reflects the new scientific data in nanoscale modeling and helps in wider application of the book for the fields of Nanotechnology and Biophysics.

Note: All shown page and line numbers correspond to the first printed and bound edition of the book.

Corrected page-files can be used directly for replacement of certain pages or for comparison and verification at certain pages correction and/or reprint.



<http://www.springer.com/978-0-387-25156-1>

Structural Synthesis in Precision Elasticity

Tseytlin, Y.M.

2006, XVI, 400 p. 96 illus., Hardcover

ISBN: 978-0-387-25156-1