**Ocean Engineering Mechanics**

**Michael E. McCormick**

***Errata***

Since the publication of the book in 2010, a number of misprints have been discovered. These are as follows:

**Page Correction**

24 Mid-page: Indent “for fresh water, where…”

66 a. Eq. (3.71) should be 

b. Eq. (3.72) should have a negative sign, “***P* = -*b*…**”

c. Eq. (3.74) should be 

67 Eq. (3.75) should be 

77 Fig. 44: Insert next to second vertical arrow from the right-hand side.

130 4th text line from the top: change “1 cm” to “5 cm”.

159 Eq. (5.105): The first numerator should be “*S*J” – not “*Sj*”.

193 Eq. (6.101): Numerator of the partial derivative should not me a superscript. It should be

264 Note: The U. S. dollar values for the year 2000.

305 Third line from the bottom: Change “Chapter 10” to “Chapter 11”.

340 Eq. (9.185): The wave height “*H*” is missing in the second term just before the second “=”.

354 (a) Last line of eq. (10.6): The second derivative is with respect to time “*t*”, not “*z*”.

(b) The sub-section **C** title should be **Linear Equivalent Viscous Damping Coefficient.**

363 Add following eq. (10.39): “The inverse of the frequency ratio term is called the *quality factor*”.

377 In the bottom sketch of Fig. 11.1b: The left-hand “B” in the sketch should be “B”.

380 Second line from the top: following “*y*-axis”, write “and (= *a*2*d*) is the displaced volume”.

416 (a) Eq. (11.89): “g” should be “*g*”.

(b) Second line below eq. (11.89): Change “and *B*ξ is the breadth” to “and *b*ξ (= ½ *B*ξ) is the half-breadth”.

417 (a) Eq. (11.92): Change the last symbol (m) to m2.

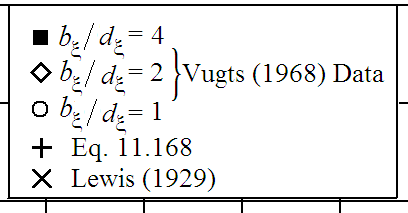
(b) Eq. (11.93): Change the last symbol (m) to m2.

433 (a) Fig. 11.18 vertical axis title: Change “a*wZ*” to “a*wZ*”.

(b) Fig. 11.19 caption, last line: Change “eq. 11.166” to “eq. 11.173”.

(c) Fig. 11.19 vertical axis title: Change “b*rZ*” to “b*rZ*”.

443 Fig. 11.27 box: Change the top line and third-from-the-top line as shown:



484 Eq. (12.73): Replace “*d*φ1” with “*d*φ*1*”.

485 (a) Eq. (12.76): Replace “*p*1” with “*p1*”.

(b) Eq. (12.77), third line of the equation: Replace “+++” with “*t*”.

520 Fig. 12.38 title: Remove the first “*Articulated*”.

547 (a) Eq. (H13): Replace “a*w*” with “a*w*”.

(b) Eq. (H14): Replace “a*w*” with “a*w*”.

(c) *CA* line in table: Replace second-to-last term (0.860) by 0.660.

(d) Eq. (H15): Replace “a*w*” with “a*w*”.

548 Eq. (H16): Replace “a*w*” with “a*w*”.

562 Chakrabarti reference: Replace “Preprint” with “Preprint No. 2494”.

576 Above “damping matrix”, add “damping, linear equivalent viscous, 354-356”.

579 Above “structural damping”, add “Strouhal number, 27, 28”.