

**Known Typographical Errors in the First Edition, Second Printing of
Study Guide for Basic Fluid Mechanics
by C. P. Landry and D. C. Wilcox**

These are all of the known typographical errors as of November 19, 2001.

1. Page 23, Equations (3.21) and (3.22): In the second equality in each equation, the values of $z_\ell = 4h$ and $z_r = 3h$ are inverted. The correct equations are as follows.

$$(z_{cp})_\ell = \bar{z}_\ell + \frac{I}{\bar{z}_\ell A} = 4h + \frac{\frac{64}{3}h^4}{(4h)(16h^2)} = 4h + \frac{1}{3}h = \frac{13}{3}h \quad (3.21)$$

$$(z_{cp})_r = \bar{z}_r + \frac{I}{\bar{z}_r A} = 3h + \frac{\frac{64}{3}h^4}{(3h)(16h^2)} = 3h + \frac{4}{9}h = \frac{31}{9}h \quad (3.22)$$

2. Page 48, Equation (4.24): Replace $\mathbf{u}(2L, 0)$ with $\mathbf{u}(2L, y)$.
3. Page 70, Problem 5.9, next to last line in the Statement of the Problem: Replace 60 km/sec with 60 m/sec.
4. Page 85, last paragraph, line 3: Replace diameter r with radius r .