

# ***Fast Multipole Boundary Element Method***

## **- Theory and Applications in Engineering**

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Related Software Website changed to: [www.yijunliu.com/Software](http://www.yijunliu.com/Software)

### **Corrections:**

*Updated:* September 29, 2010

Page 71, Eqs. (3.47-3.48): The variable  $r$  should be replaced by  $\rho$ .

Page 74, Section 3.5.1, Paragraph 1, Last sentence: “reduced to  $10^{-6}$ ” should be “increased to  $10^{-6}$ ”.

*Updated:* October 8, 2010

Page 70, last line, “3D potentials” should be “3D potential problems,”

Page 79, line 9, “is about half those” should be “are about half those”

*Updated:* June 24, 2011

Page 123, both line 7 and line 8 from bottom, “Helmholtz” should be “Fredholm”

*Updated:* November 15, 2012

Page 153, line 2 from bottom, “resonate” should be “resonant”

Page 188, line 8 from bottom, “intergals” should be “integrals”

*Updated:* February 26, 2013

Page 53, line 9 (4th line in the equation), the “ $\leq$ ” sign should be changed to “=” sign.

*Updated:* October 30, 2014

Page 91, Eq. (4.30), last integral, no bold face for symbols  $K, f, d$  and  $V$ .

*Updated:* July 1, 2016

Page 49, Caption of Figure 3.1, “ $O(N)$  for  $\log N$ ” should be “ $O(N)$  for large  $N$ ”.

*Updated:* August 8, 2024

Page 133, Eq. (5.67), “ $a^3$ ” should be “ $a^2$ ” in the last term.

*Updated:* December 10, 2024

Page 150, Eq. (6.13), “ $k$ ” should be “ $k^2$ ” in the second term.