The Essentials of Computer Organization and Architecture
2nd Edition

Linda Null and Julia Lobur
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Errata (3rd Printing)

To confirm you have the second printing, see page ii for the following:

Printed in the United States of America
10 09 08 07 06 10 9 8 7 6 5 4 3

As errors are found in the textbook, they will be added to this list. The list will be updated as necessary. If you find an error, please send it to *ecoa@jbpub.com*.

Symbols Used

ti = ith line from top
bi = ith line from bottom
Fi = Figure i
X →Y = replace X with Y
Ti = Table i
Pi = Problem i
Ei = Example i

Format

Page # Location: Correction
Strikethrough: Correction/modification in errata

May 2007 List

63 t5: Examples using signed numbers are given → Examples using signed 2's complement
     numbers are given

63 T2.2: 0010 (-2) → 0010 (+2)

69 T2.4: for the 0.5 entry, replace the exponent `10000000` with `01111110`

June 2007 List

477 F9.3: Three-Dimensional Hypercube → Four-Dimensional Hypercube

765 P7: 6 x 2^{24} → 6 x 2^{12}

October 2007 List

67 E2.27: Multiply → Assuming a 16-bit bias, multiply:

68: T2.3: In top row: 1000.001 → 10000.001

69: T2.4: Representation for 0.5: 10000000 → 01111110

122 t13: we AND the byte with 04h → we AND the byte with 04h (04_{16})

154 t24: Petgold, Charles → Petzold, Charles

November 2007 List

214 b1: P_0, P_1, P_0 → P_0, P_1, P_2

March 2008 List

304 t22: address 9 to the physical address 1230→ address 9 to the physical address 1239