

## The Essentials of Computer Organization and Architecture 3<sup>rd</sup> Edition

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Jones and Bartlett Publishers © 2012

# Errata (1<sup>st</sup> Printing)

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

**Printed in the United States of America**

**14 13 12 11 10 09 08 07 06 10 9 8 7 6 5 4 3 2 1**

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](mailto: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

## January 2011 List

p72 b8: Since we copy the sign bit from right to left → Since we copy the sign bit from left to right

p126 t14: the right hand side of the equation should read:  $\overline{x}yz + x\overline{y}z + x\overline{y}\overline{z}$

t17:  $\overline{xyz} \neq \overline{xyz} \rightarrow \overline{xyz} \neq \overline{\overline{xyz}}$

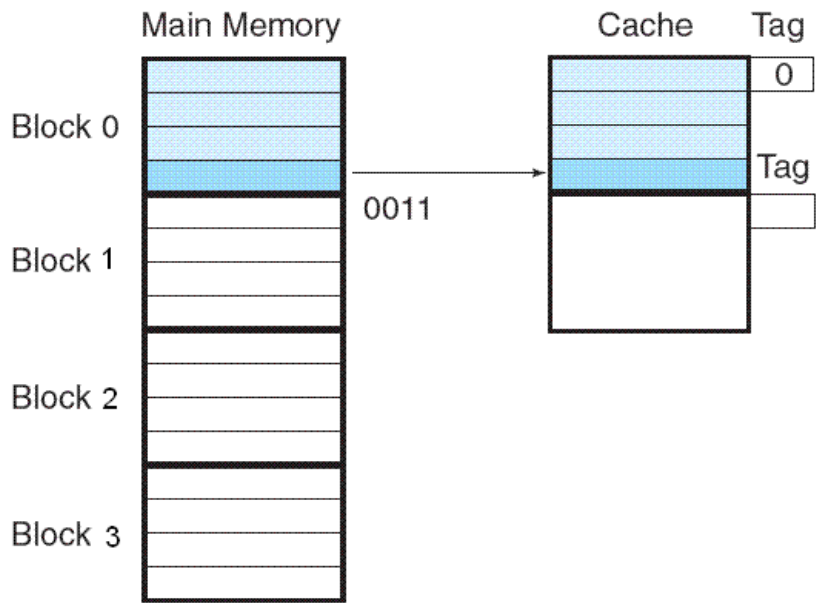
p127 E3.4:  $= x' + 1 \rightarrow = x' + 0$   
 $= x' \text{ (Null)} \rightarrow = x' \text{ (Identity)}$

p137 b0: in last figure:  $xy' \rightarrow x'y$

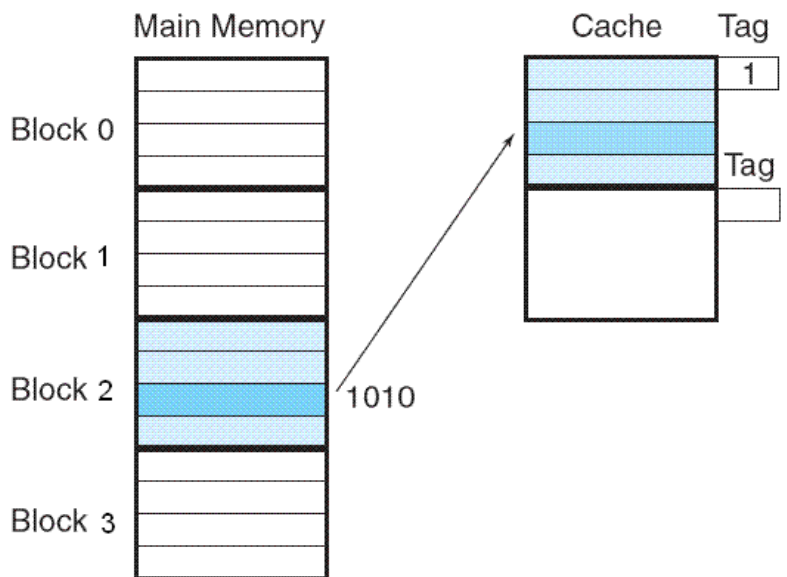
p261 P11.g: Repeat Exercise 6f  $\rightarrow$  Repeat Exercise 9f

p324 b7: From this we determine that that memory  $\rightarrow$  From this we determine that memory is

p325 F6.4c: The blocks are not numbered correctly. Please see figure below.



p325 F6.4e: The blocks are not numbered correctly. Please see figure below.



## February 2011 List

p264 P23: Part a) should have a blue diamond as the answer is in the back of the book

p264 P25: Part a) should have no blue diamond as the answer is not in the back of the book

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## March 2011 List

p108 E26: perform the following → perform the following operations on the given 8-bit numbers

p127 E3.4:  $x'+1$  (inverse) →  $x' + 0$  (inverse)

p241 F4.20: At time T1, signals P3 and P4 should be raised, NOT P4 and P5

p252 E4.5: EQU should be replaced with DD

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## June 2011 List

p348 F6.23 (caption): 1211232A → 0011232A

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