**CPSC 418** **Advanced Computer Architecture** **Spring 1995**

# Homework 7: Due 9 Mar

**Problem 1** (4 Points) H&P 6.4

**Problem 2** (7 Points) H&P 6.5

**Problem 3** (4 Points) H&P 6.9

**Problem 4** (1 Points) How much time did you spend **total** on this assignment? What are your feelings on the advantages/disadvantages of having homework problems from the textbook vs. having the instructor write the problems.

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# Homework 8 (Extra Credit): Due 16 Mar

This homework can be used to increase the mark on your midterm.

## Assignment

Write a short (5 page maximum!) paper on the article *How Does Processor MHz Relate to End-User Performance?* from the August 1993 issue of IEEE Micro. (Copies are available from the instructor.)

The purpose of your paper is to demonstrate that you know more about computer architecture than your midterm mark reflects. Your paper should:

- Demonstrate knowledge and understanding of the material discussed in the article. *Do not paraphrase the article or drop buzzwords — explain things in your own words.*
- Relate information in the article to concepts covered in class

## Mark Calculation

If your midterm mark is lower than your homework mark on assignments one through four, then you can use this homework assignment to increase your midterm mark.

- Doing this assignment *can not* hurt your midterm mark. (The minimum value of your midterm adjusted mark is your current midterm mark.)
- Doing this assignment *can not* increase your midterm mark above your homework mark. (The maximum value of the midterm adjusted mark is your homework mark on assignments one through four.)
- Within the above constraints, your midterm adjusted mark will be the average of your midterm current mark and the mark on this assignment