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The Art of Multiprocessor Programming Version of 10 February 2009 In many places, inserted text is highlighted in red. Preface p. xx “all of which are useful in structuring concurrent applications.” Chapter 1 p. 4 In Fig. 1.1, line 4 should say for (int j = (i * block) + 1; j <= (i + 1)* block; j++) { p. 11 p. 18

The Art of Multiprocessor Programming

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The concepts are correct and the theory is good but I cannot accept someone to say is teaching "The art of multiprocessor programming" in Java. Java has very few problems in concurrency due to simplification. A much better book is "C++ Concurrency in Action", because C++ exposes low level problems in concurrency.

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The Art of Multiprocessor Programming is an outstanding text that will soon become a classic. I give a chapter by chapter review of it below. Practitioners that are already well versed in parallel programming can jump directly to Chapter 7, however, I would suggest at least skimming Chapters 2, 3 and 4.

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As the computer industry changes from single-processor to multiprocessor architectures, this revolution requires a fundamental change in how programs are written. To leverage the performance and power of multiprocessor programming, also known as multicore programming, you need to learn the new principles, algorithms, and tools presented in this book.

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