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Numerical analysis is the study and art of determining how to get high quality answers out of computers with finite precision: in other words, all of them. This may not sound like a big issue - you can always use double precision, right?

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An Introduction to Numerical Analysis - Cambridge Core

Numerical analysis provides the theoretical foundation for the numerical algorithms we rely on to solve a multitude of computational problems in science. Based on a successful course at Oxford University, this book covers a wide range of such problems ranging from the approximation of functions and integrals to the approximate solution of algebraic, transcendental, differential and integral equations.

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This well-known, highly respected volume provides an introduction to the fundamental processes of numerical analysis, including substantial grounding in the basic operations of computation, approximation, interpolation, numerical differentiation and integration, and the numerical solution of equations, as well as in applications to such processes as the smoothing of data, the numerical summation of series, and the numerical solution of ordinary differential equations.

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- McCullers has an insight into person psychology that allows her to create great characters that everyone can relate to. This is my third time reading this book. It is a great piece of work, and beautifully written. It is a superb memoir, and the author's style is impressive. The characters are as rich as any who have ever been imagined, and the story is just breathtaking. Highly recommended.

- Please take the time to consider what kind of reader you are. I hated this book. It took me at least 6 months to read this because I could not force myself to read it. But that being said I also hate stream of consciousness and now wished that I had looked at some reviews and realized that was what I was getting myself into. I read 'As I Lay Dying' in High School and hated it too. There is no plot, and no point. I hated it.