

# Analysis of Algorithms

V. Adamchik

CSCI 570

Lecture 1

University of Southern California

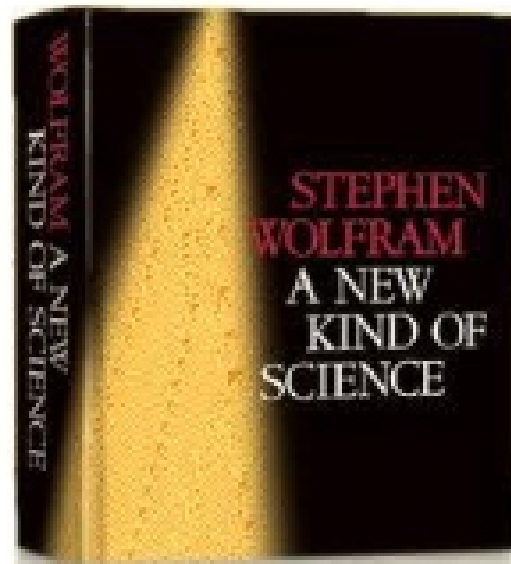
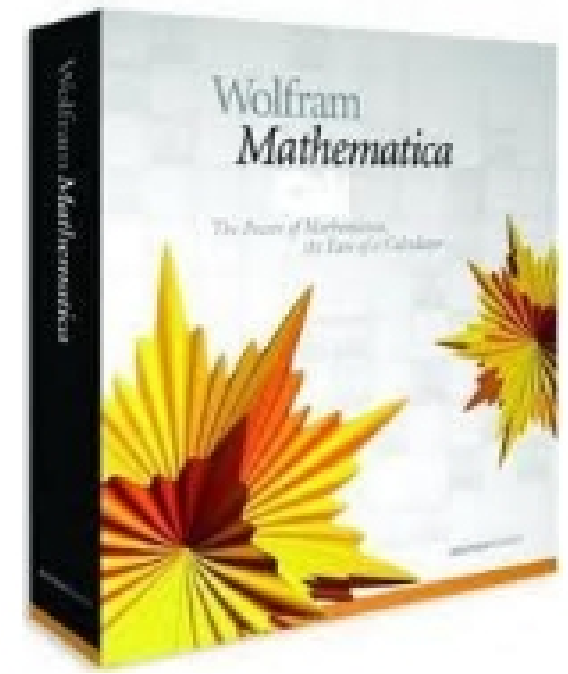
Fall 2023

## Review

Reading: chapter 1

# About Myself

1990-2010: was working on *Mathematica*



**WOLFRAM**  
RESEARCH

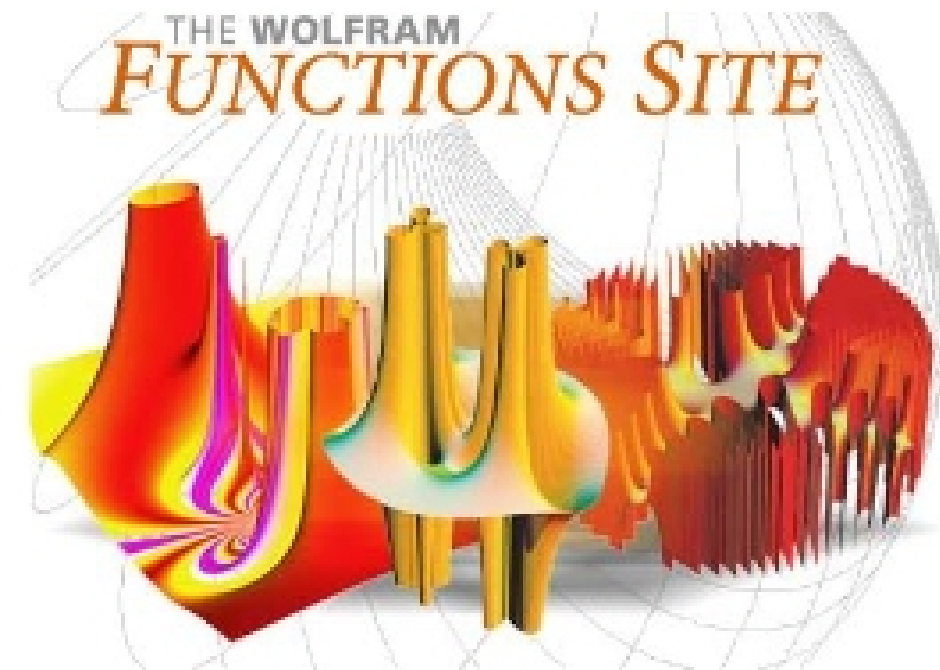
**WolframAlpha**  
computational.  
knowledge engine 

**Wolfram Mathematica**  
ONLINE INTEGRATOR  
*The world's only full-power integration solver*

HOW TO ENTER INPUT | RANDOM EXAMPLE

$\int \frac{1}{x^{1/4} + x^{1/3}}$    $dx$

[Compute Online With Mathematica](#)



# About Myself

**Carnegie Mellon**  
**School of Computer Science**

2000-2016: with Carnegie Mellon University, Pittsburgh



"Walking to the sky"



Bill Gates building for SCS