## 61A Extra Lecture 1

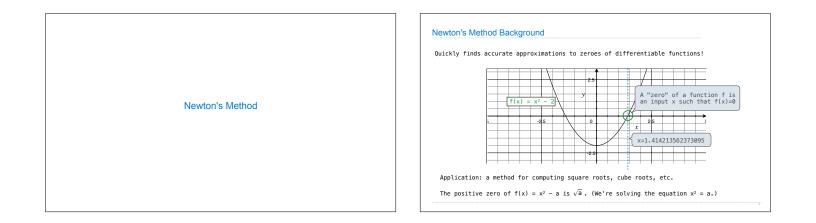
## Announcements

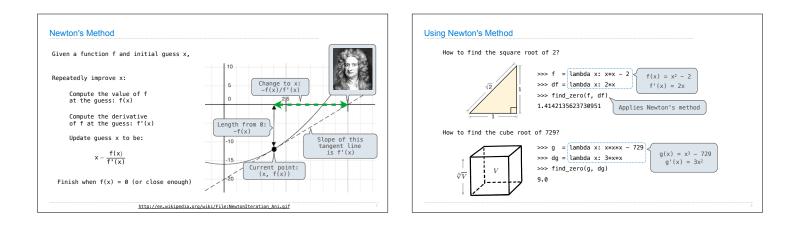
• If you want 1 unit (pass/no pass) of credit for in CS 98-52, the CCN is 34591.

 $^\circ$  Only for people who really want extra work that's beyond the scope of normal CS 61A.

 $^{\circ}\operatorname{Anyone}$  is welcome to attend the extra lectures, whether or not they enroll.

• All info and materials will be posted to cs61a.org/extra.html





	Special Case: Square Roots How to compute square_root(a) Idea: Iteratively refine a guess x about the square root of a
Iterative Improvement	Update: $X = \frac{X + \frac{a}{x}}{2}$ (Demo) Babylonian Method
	Implementation questions:
	What guess should start the computation? How do we know when we are finished?

