

Newton Method Implementation Using `std::function`

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Exercise

- ▶ Implement a `newton_solver` class using the provided header
- ▶ Let algorithm parameters be read from the command line using `GetPot`
- ▶ Pass function and derivatives as
 - ▶ lambdas
 - ▶ muparser wrapper
 - ▶ function pointers
- ▶ Use the solver to solve the equation

$$x^3 + 5x + 3 = 0$$