

# *Chapter 6*

## *Open Methods*

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- **6.1 Simple Fixed-Point Iteration**
- **6.2 Newton-Raphson Method\***
- **6.3 Secant Methods\***
- **6.4 MATLAB function: fzero**
- **6.5 Polynomials**

# *Open Methods*

- There exist open methods which do not require bracketed intervals
- Newton-Raphson method, Secant Method, Muller's method, fixed-point iterations
- First one to consider is the fixed-point method
- Converges faster but not necessary converges