

Admin Notes / Agenda

- Warmup Problem - SSE
- Welcome Families / Introduction
- Student Reviews and Project II Questions
- board problems - focus on extrapolation / interpolation and overfitting / underfitting for polynomials vs. exponential
- Research Example: Extrapolation

1 MA103 Introduction to Math Modeling

- Patrick Kuiper: born 10 October 1984
- Hometown - Houston, TX
- Academic History - PhD: Duke, Masters: Harvard, Bachelors: USMA
- Service History - Armor Officer, last Army job I was an Infantry BN XO, Deployed 4x to Iraq / Afghanistan
- Family - 5 kids: 4-18 years old, 1 just started college, we live in Cold Spring, NY across the river



Figure 1: My Family

2 Lecture

2.1 In your own words, describe the difference between SST and SSE

3 Board sheet examples Example

4 Personal Example of Extrapolation