quiz 01

numerical methods | 2024 spring | lecture 01

1. given $\mathbb{F}(5,3,2,2)$ with standard bias, what are (a) smallest possible positive number and (b) range**?**   10 points

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2. wrt previous question, explain "standard bias".   5 points

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3. p(x) = 202x4+ 2x5 + 5x3. rewrite as nested multiplication.   5 points

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4. extra credit. write pseudocode to implement horners method.   10 points

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5. extra credit. submit colab notebook with python code to to implement horners method.   15 points
    if answered, this question supercedes pseudocode.

    Files submitted: