

# Lecture 29: Shared Memory Concurrency

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CS 62  
Fall 2017  
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*Some slides based on those from Dan Grossman,  
U. of Washington*

## Exponential Growth

- “How many times would I have to fold a sheet of paper for the height of the folded paper to reach the moon?”
- Human beings have terrible intuition for exponential growth. If I asked you how many times you would have to fold a single sheet of US Letter paper to reach the moon, it would be difficult to intuitively comprehend that it only takes twenty folds to reach Mount Everest, forty-two folds to the moon, and fifty to reach the sun.

*Uday I/O*

*Midterm Review*

Parallel Streams in Java 8