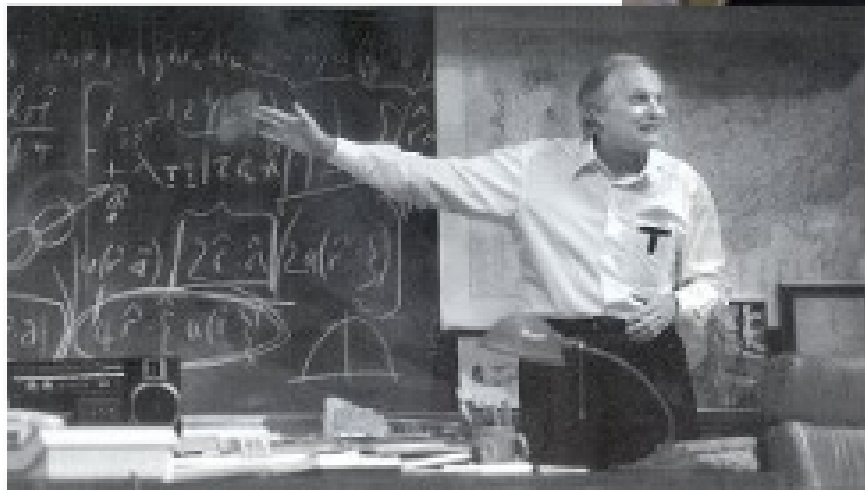


Now playing: JS Bach, *The Art of Fugue*

Lecture 5: Recurring Recursively



Richard Feynman's Van
(parked outside the theater
where QED is playing)



Alan Alda playing Richard Feynman in QED



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Menu

- Recursive Procedures
- GEB Chapter V
 - Fibonacci Returns
 - RTNs
 - Music and Recursion

Defining Recursive Procedures

1. Be optimistic.
 - Assume you can solve it.
 - If you could, how would you solve a bigger problem.
2. Think of the simplest version of the problem, something you can already solve. (This is the **base case**.)
3. Combine them to solve the problem.