

slide 3

Fibonacci Sequence is Well-Defined

Fibonacci: F(0) = 1 F(1) = 1 F(N) = F(N - 2) + F(N - 1)Given this definition, we say that F(N) \circ is **well-defined** because \circ it **eventually stops recursing** for all $N \ge 0$, \circ or, **equivalently**, F(N) satisfying the equations **is unique** for all $N \ge 0$.

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ECE 220: Computer Systems & Programming





















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