Recursion Thee

| Specific | Fibonacci
| Spec

Rewrition Tree
/isual representation
of Recursion

4) Optimised Power Calculation

$$X^{N} = X \cdot X \cdot X \cdot X \cdot X \cdot M + incs$$

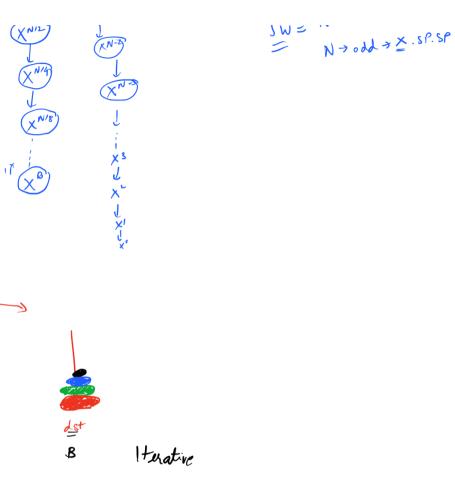
$$X^{N/2} \cdot X^{N/2}$$

$$X^{N/2} \cdot X^{N/2} = X^{N}$$

$$X^{N/2} \cdot X^{N/2} = X^{N}$$

$$BP = X^{N/2}$$

 $SP = X^{N/2}$



BP: 4 from A to B wing C

SP: 3 from A to c wing B

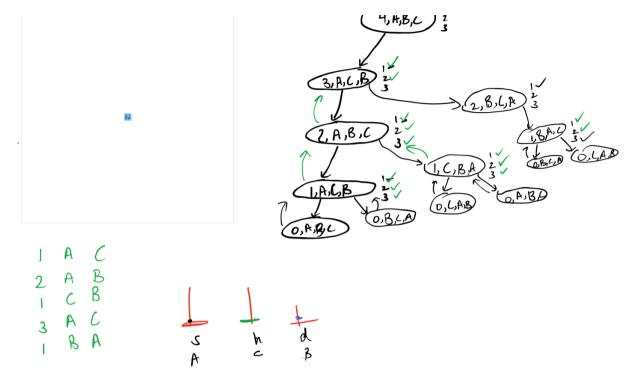
SW: Move 4th disk from A toB

very C

very

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SAC



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