Set 4 Fibonacci Number

$$\frac{1}{2} = \frac{1}{2} + \frac{1}$$

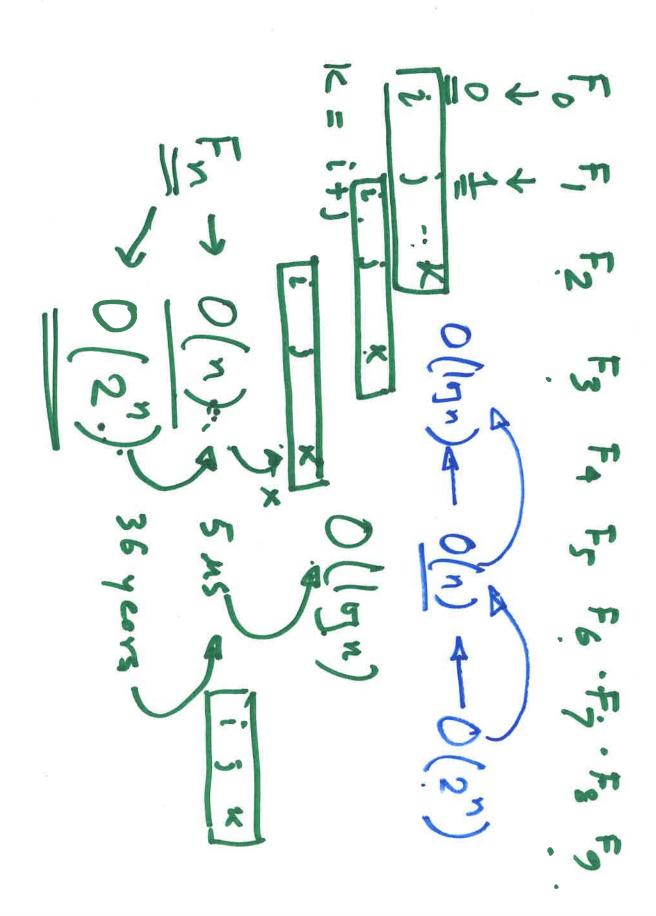
 $A(n) = C_1 A(n-1) + C_2 A(n-2) + C_3 A(n-3)$ Ö

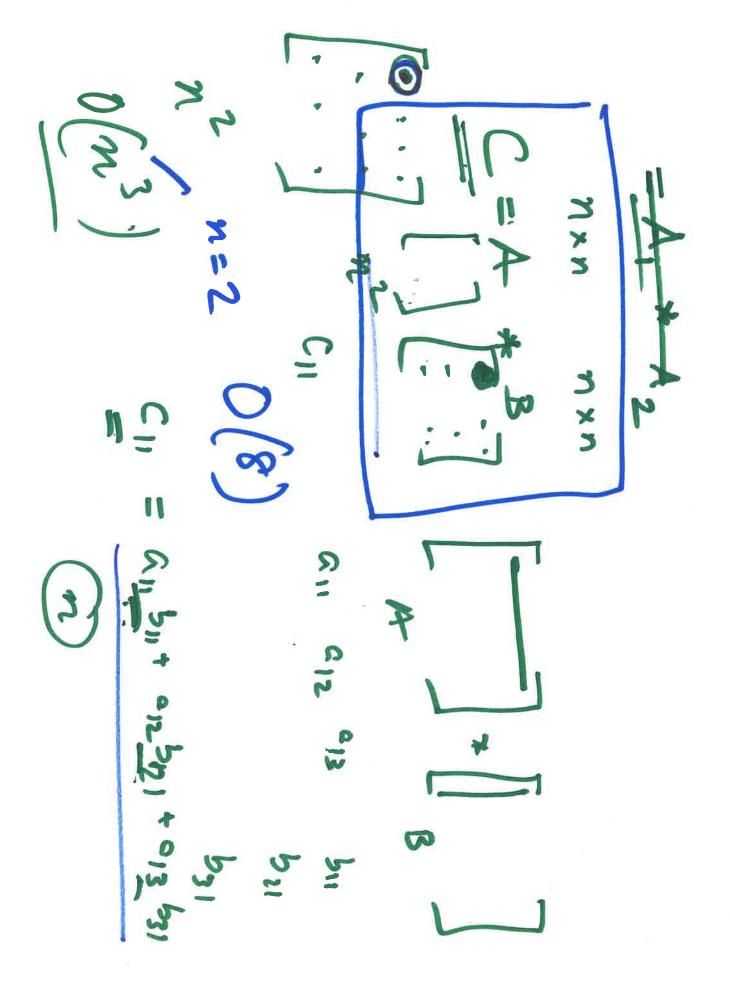
Linear Remmenu Relation Constant

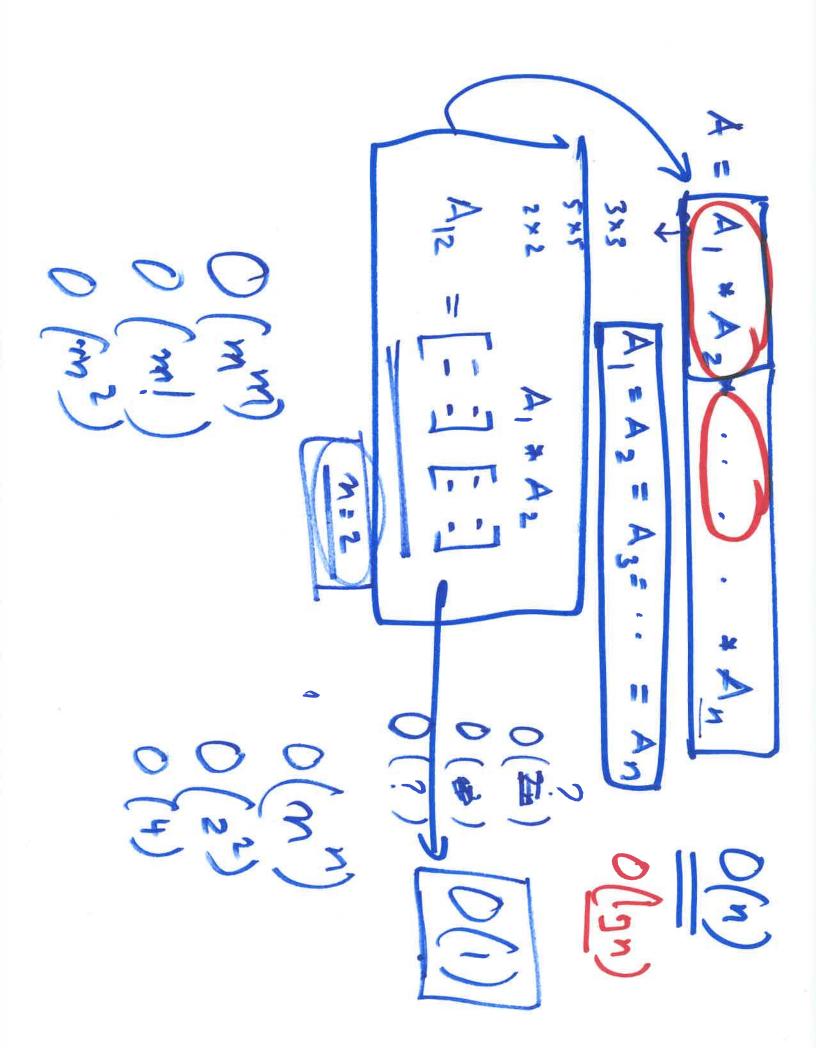
23 3 2 3-1 3-1 3-1 3-1

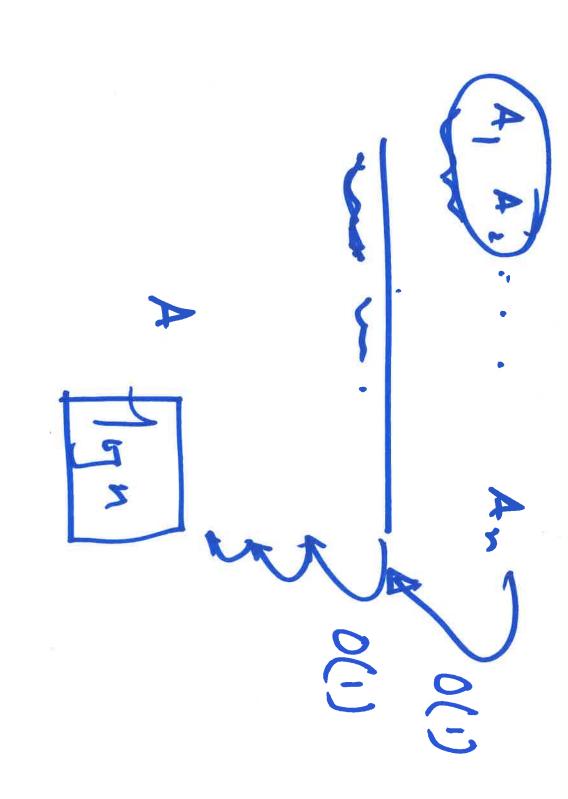
Linear Recurrence Relation with Const CH A(n) = A2(n-1) + A3(n-2)+ A(n) > O(n-7) > O(2)=1. A(n-1) +1.A(n-2)+1 (Z) Additions = (n-2) A E 36 year Difference Keenna الراك Relaha

A (0)=0 7"57 comp. to hon اع الح









$$\begin{bmatrix} F_{n-1} & F_{n} \end{bmatrix} = \begin{bmatrix} F_{n-1} & F_{n-1} + F_{n-2} \\ F_{n-2} & F_{n-1} \end{bmatrix} \begin{bmatrix} 0 & 1 \\ 1 & 1 \end{bmatrix}$$

$$= \begin{bmatrix} F_{n-2} & F_{n-2} & F_{n-1} \end{bmatrix} \begin{bmatrix} 0 & 1 \\ 1 & 1 \end{bmatrix} \begin{bmatrix} 0 & 1$$

