()
$$C_{n+1} = (n+1)c_n + (n^2+n)c_{n-1} / (n+1)b$$

$$\frac{C_{n+1}}{(n+1)b} = \frac{C_n}{nb} + \frac{C_{n-1}}{(n-1)b} \quad b_n = \frac{C_n}{nb}$$

$$C_{n+1} = C_n + C_{n-1} \cdot b_n = \frac{C_n}{nb}$$

$$C_n = C_n + C_{n-1} \cdot b_n = \frac{C_n}{nb}$$

$$C_n = C_n + C_n$$