$$a_n = (0,0,1:2',0,0,2:2^2,0,0,3:2^3,...)$$
 $a_n = (0,0,1:2',0,0,2:2^2,0,0,3:2^3,...)$
 $a_n = (0,0,1:2',0,0,2:2^2,0,0,3:2^3,...)$

$$b_n = (0,0,2,0,0,4,0,0,8,\frac{1}{2\times 2})$$

$$b_n = 22 2^{140} \times 3^{1/2} = \frac{1}{1-2\times 3}$$

$$C_{n} = (0, 12, 3, ...) = \sum_{n=0}^{\infty} (n) x^{n} = (1-x)^{2}$$

$$C_{n} = (0, 12, 22, 3.2^{3}, ...) = \sum_{n=0}^{\infty} n \cdot 2^{n} x^{n} = (1-2x)^{2}$$

$$C_{n} = (0, 00, 1.2, 0, 0, 2.2^{2}, ...) = \sum_{n=0}^{\infty} n2^{n} 3^{n}$$

$$a_n = (0,0,1.2,0,0,2.2^2,0...) = (1-2x^3)^2 \times$$