

Déterminer en fonction de n , le terme u_n des suites qui vérifient

1. $u_0 = 1, u_1 = 2, \forall n \in \mathbb{N}^*, u_{n+1} = 2u_n + 3u_{n-1}.$

2. $u_0 = 1, u_1 = 0, \forall n \in \mathbb{N}, u_{n+2} = 4u_{n+1} - 4u_n.$

3. $u_0 = 2, u_1 = -3, \forall n \in \mathbb{N}, u_{n+2} = -8u_{n+1} - 16u_n.$

4. $u_1 = 1, u_2 = 1, \forall n \geq 3, u_n = u_{n-1} + u_{n-2}.$

5. $u_0 = 1, u_1 = 2, \forall n \in \mathbb{N}, u_{n+2} = -4u_n.$