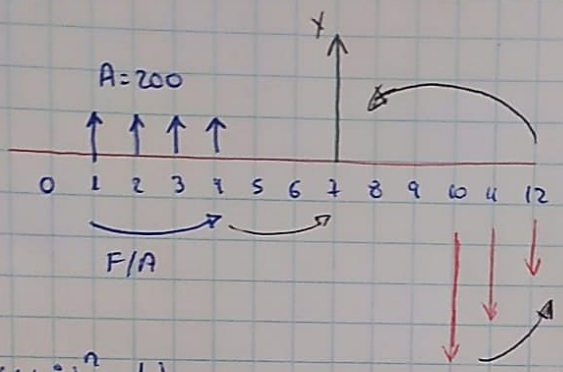
Pregunta:

hallar X ; tasa 6% mensual



$$F = A\left(\frac{(1+i)^n - 1}{i}\right)$$

$$F = 200\left(\frac{(1+0,06)^4 - 1}{0,06}\right)$$

$$F = 874,9232$$

$$F = 874,9232\,(1+0,06)^3$$

$$F = 1042,0475$$

F/A - F/G

$$A\left(\frac{(1+i)^n - 1}{i}\right) - \frac{G}{i}\left(\frac{(1+i)^n - 1}{i} - n\right)$$

$$500\left(\frac{(1+0,06)^3 - 1}{0,06}\right) - \frac{50}{0,06}\left(\frac{(1+0,06)^3 - 1}{0,06} - 3\right)$$

1438,8

$$P = \left(\frac{1438,8}{(1+0,06)^5}\right) = 1075,1551$$

$$X = 1042,0475 - 1075,1551$$

$$X = -33,1076$$

Rpta: El valor de X es -33,1076 lo que representa una salida de efectivo.