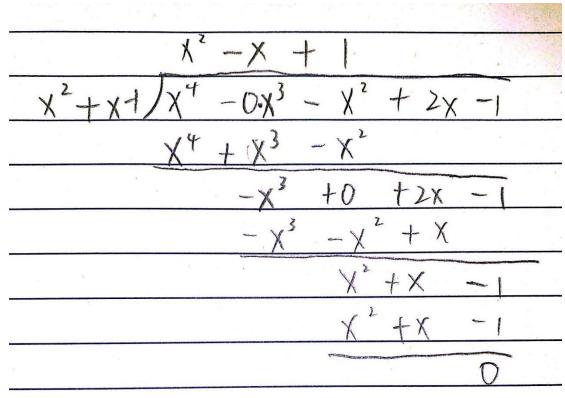
Given the equation $x^* < 1,1,-1> = <1,0,-1,2,-1>$ Find out the value of x

Solve:

On the left hand side, the coefficient of polynomial <1,1,-1> can be represented as x^2+x-1 . On the right hand side, the coefficient of polynomial <1,0,-1,2,-1> can be represented as x^4-x^2+2x-1 . So that we can implemented the long polynomial division



So that the answer should be "x" = $x^2 - x + 1$