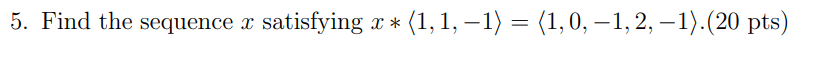
ASSIGNEMNT2 QUESTION 5



**Answer:**

Clearly x is a sequence of length 5 + 1 – 3 = 3; We can write it as .For seq = the associated polynomial is ; For the associated polynomial is . We multiply them and get

We can know that the .

the associated polynomial is

We can know that

So we can get