MST125-25B Ho…   Assessment   Tutorials   Forums   Resources   News   Help ?

WEEKS
27-30   Exam revision

Examination and revision resources

iCMA 44

Questions

i	1	2	3	4
5	6	7	8	9
10	11	12	13	

Finish attempt ...

Question 13 Not yet answered

Marked out of 1.00   ⚑ Flag question

A second-order recurrence sequence is defined by the system:

$$u_0 = 2,\ u_1 = 18,\ u_n = 9 \times u_{n-1} - 18 \times u_{n-2} \quad (n = 2, 3, 4, \ldots).$$

Find the closed form for the sequence.

The closed form is: $u_n = $ [   ] $(n = 0, 1, 2, \ldots)$.

‹ Previous page   Finish attempt ... ›

Page tools

Send feedback

The Open University

Follow us on Social media

OU Accessibility statement   Privacy policy   Student Charter
Conditions of use   Cookie policy   System Status
Copyright   Manage cookie preferences
Cymraeg   Student Policies and Regulations