

MST125-25B Home > Weeks 27-30 > iCMA 44

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 12 Not yet answered

Marked out of 1.00 | Flag question

A first-order recurrence sequence is defined by the system

$$x_1 = -1, \quad x_n = 4x_{n-1} - 1 \quad (n = 2, 3, 4, \dots)$$

Find the closed form for the sequence.

The closed form is $x_n =$ $(n = 1, 2, 3, \dots)$

< Previous page

Next page >

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