

1. The sequence (x_n) is defined by the following formulas for the n th term. Write the first five terms in each case:

(a) $x_n := 1 + (-1)^n,$

(b) $x_n := (-1)^n/n,$

(c) $x_n := \frac{1}{n(n+1)},$

(d) $x := \frac{1}{n^2 + 2}.$