

New College

Sequences and Series

B.A / B.Sc - II
Semester - IV

$$\frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} + \frac{x^9}{9!} - \dots = \sum_{n=0}^{\infty} \frac{(-1)^n x^{2n+3}}{(2n+3)!}$$

$$\frac{x^2}{2!} + \frac{x^4}{4!} - \frac{x^6}{6!} + \frac{x^8}{8!} - \dots = \sum_{n=0}^{\infty} \frac{(-1)^n x^{2n+2}}{(2n+2)!}$$

JEEVANSONS PUBLICATIONS

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