

Class 23: Introduction to Geometric Series

Calculus II

College of the Atlantic. March 2, 2023

For each of the following, determine the partial sum S_5 and the sum of the infinite series, if it exists.

$$5 - 20 + 80 - 320 + \dots \quad (1)$$

$$\frac{1}{4} + \frac{1}{16} + \frac{1}{64} + \dots \quad (2)$$