

## Series

Series and Summation Notation:

<https://www.youtube.com/watch?v=RgaHeovPs2w>

Writing a series in sigma notation:

<https://www.youtube.com/watch?v=0DBDuNYsciY>

<https://www.youtube.com/watch?v=KhGIJ8ezBkk>

Writing a arithmetic series: <https://www.youtube.com/watch?v=XArCfFaOhoo>

Writing geometric series: [https://www.youtube.com/watch?v=bT\\_0pn1lHiY](https://www.youtube.com/watch?v=bT_0pn1lHiY)

Sum of a geometric series: [https://www.youtube.com/watch?v=yYxzq\\_O18Mg](https://www.youtube.com/watch?v=yYxzq_O18Mg)

Arithmetic series:

<https://www.youtube.com/watch?v=ZRjhDjSfs6U>

<https://www.youtube.com/watch?v=8L6oRtje8xw>

Sum of a finite arithmetic series:

<https://www.youtube.com/watch?v=vIAigNRgqHY>

Sum of a finite geometric series:

<https://www.youtube.com/watch?v=AXP5PGSaaYk>

Sum of an infinite geometric series:

[https://www.youtube.com/watch?v=yYxzq\\_O18Mg&t=1s](https://www.youtube.com/watch?v=yYxzq_O18Mg&t=1s)

Sum of partial series: <https://www.youtube.com/watch?v=wpB7nk5JOAA>