

Divergent Series

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Abstract

The aim of this talk is to give a brief—and by no means complete—survey of the centuries-old study of divergent series. I will discuss several classical summability methods (due to Euler, Cesàro, Abel, Borel, and Riemann), give some interesting examples, and try to convince you that assigning finite values to divergent sums is not “the invention of the devil,” as Abel famously believed.