

Fourier Series Fundamentals

Mathematical Methods in the Physical Sciences

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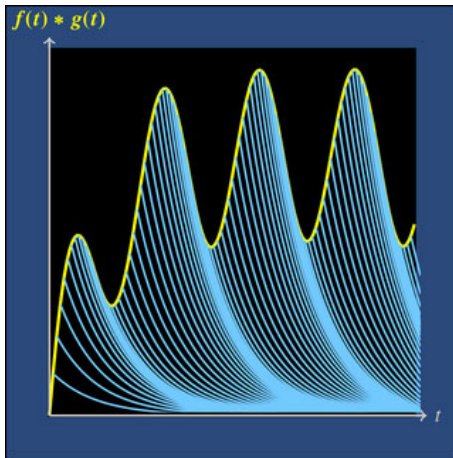
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Introduction

Fourier series are like power series but are only used to represent periodic functions.



Periodic Functions

Applications of Fourier Series

Average Value of a Function

Fourier Coefficients

Dirichlet Conditions

Complex Forms of Fourier Series

Other Intervals

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