

This text for undergraduate and graduate students illustrates the fundamental simplicity of the properties of orthogonal functions and their developments in related series. Starting with a definition and explanation of the elements of Fourier series, the text follows with examinations of Legendre polynomials and Bessel functions. Boundary value problems consider Fourier series in conjunction with Laplace's equation in an infinite strip and in a rectangle, with a vibrating string, in three dimensions, in a sphere, and in other circumstances. An overview of Pearson frequency functions is followed by chapters on orthogonal, Jacobi, Hermite, and Laguerre polynomials, and the text concludes with a chapter on convergence. 1941 edition.

The Collected Papers of Stephen Smale (Volume 3), Lung Transplantation, Smoothies for Strength: Quick and Easy Recipes and Nutrition Plan for Maximum Strength Training and Conditioning Gains (Food for Fitness Series), The Chinese Picture Dictionary for Children (2nd Edition) (English and Chinese Edition), Curses of Spirits (Awakening Earth Chronicles Book 2),

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