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WAVELET THEORY An Elementary Approach With Applications David K. Ruch Metropolitan State College of Denver Patrick J. Van Fleet University of St. Thomas © WILEY A JOHN WILEY & SONS, INC., PUBLICATION

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Wavelet technique enables us to decompose a complicated function into several simpler ones and study them independently.

### Wavelet Theory: An Elementary Approach with Application

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Wavelet analysis can be performed in several ways, a continuous wavelet transform, a dis- cretized continuous wavelet transform and a true discrete wavelet transform. The application of wavelet analysis becomes more widely spread as the analysis technique becomes more generally known.

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