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signal analyzer, however, are in Hertz (Hz). The damping factor can also be represented as a percent of critical damping - the damping level at which the system experiences no oscillation. This is the more common understanding of modal damping. Although there are three distinct damping cases, only the underdamped case ($\zeta < 1$)

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localization of possibly multiple acoustic sources, i.e. parameter estimation (PE). In addition, the problem of how to determine the number of active sources in a wavefield is addressed.

Acoustic Scene Analysis Using Modal Array Signal Processing

Earl G. Williams, "Fourier Acoustics:

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