

VIBRATION ANALYSIS SOFTWARE

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ABSTRACT

This paper describes NUVIB, analytical software to digitize, analyze, display, and plot time histories generated by blasting and construction vibrations. It is available in conjunction with a new book on Construction Vibrations (Dowding, 1996) through internet procedures described at the end of the chapter on analytical software. These internet based procedures eliminate the need for inclusion of disks in the book and take advantage of the growing electronic communications network. Perhaps more importantly this procedure allows the

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NUVIB is a collection of linked programs with a graphical user interface. An accompanying User's Manual facilitates operation through its presentation of output generated by the included example time history data files. Specifically, NUVIB offers the following features for data input, data preprocessing and analysis: