

PRAP Version 3.1

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Widely used to determine complex material properties by resonance analysis, TASI Technical Software Inc. announces version 3.1 of the Piezoelectric Resonance Analysis Program (PRAP). Now with a dramatically improved use-interface, along with the IEEE standard methods, PRAP determines material properties using a modified form of Smitt's Method. This allows properties to be determined away from resonance where low cost acquisition instrumentation can be used. By acquiring resonance spectra from a variety of sample geometries, the complete linear piezoelectric matrix can be constructed. Among other enhancements, the new version includes a database for managing resonance spectra, and Windows COM automation.