

FAST ALGORITHM OF POSITRON LIFETIME
SPECTRA PROCESSING

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S u m m a r y

A new method of positron lifetime spectrum processing based on effective (fast) algorithms is proposed, and a new criterion of determination of the number of states in the spectrum is developed. The necessary software is designed and tested with help of model spectra. It is shown that the method has high-resolution capability, which makes it promising in analysis of spectra with close components.