Automatic Calibration and Database System for the Wideband Waveform Observed by Akebono

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We developed a system for automatic calibration of wideband waveform data obtained by the Akebono satellite. We construct a database system in which several kinds of house keeping data of the receiver are archived. Thus we can automatically calibrate the waveform data referring the database and register the calibrated data on the database again. The system will be useful for the enormous database systems for future satellites.