G P6 Period04 - A statistical package to extract multiple frequencies from imperfect data

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Period04, a reworked and extended version of Period98 by M. Sperl which in turn is based on PE-RIOD/PERDET by M. Breger, is a new software package especially dedicated to the statistical analysis of large astronomical data sets containing gaps. It offers tools to extract the individual frequencies from the multiperiodic content of time series and provides a flexible interface to perform multiple-frequency fits. A review of the functions of Period04 is given.