
A Fast Reduction Method of Survey Data in Radio Astronomy I: A Precursor of Multibeam-Receiver Period

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As TRA0 is to install a fifteen-beam receiver system on the 14 m telescope, the production rate of spectra from interstellar molecular clouds will be substantially increased. Accordingly, faster reducing way of large number of spectra becomes a big issue. Several ways of baseline subtraction are discussed. A faster reduction method of a large-scale data is suggested, manipulating several tasks of IRAF as well as some developed scripts. Some application is discussed.