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

이영웅

한국천문연구원/대덕전파천문대

As TRAO 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.