



Catalog of Cosmic Gamma-Ray Bursts from the KONUS Experiment Data

By Mazets, E. P. / Hurley, Kevin

Book Condition: New. Publisher/Verlag: Springer, Berlin | continues to be extremely rewarding. Experiments on future missions, such as the two 1981 Veneras, Gamma Ray Observatory, and the International Solar Polar Mission, will undoubtedly provide new and unexpected discoveries, but the work of the Leningrad group is likely to remain an important contribution to the field for some time to come. c.E.S.R. KEVIN HURLEY Toulouse, France June 9, 1981 CATALOG OF COSMIC GAMMA-RAY BURSTS FROM THE KONUS EXPERIMENT DATA Parts I and II E. P. MAZETS, S. V. GOLENETSKII, V. N. IL'INSKII, V. N. PANOVA, R. L. APTEKAR, YU. A. GUR'YAN, M. P. PROSKURA, I. A. SOKOLOV, Z. YA. SOKOLOVA, and T. V. KHARITONOV A. A. F. Ioffe Physical-Technical Institute, U.S.S.R. Academy of Sciences, Leningrad, U.S.S.R. and A. V. DYATCHKOV and N. G. KHAVENSON Institute of Cosmic Research, U.S.S.R. Academy of Sciences, Moscow, U.S.S.R. (Received 2 July, 1980) Abstract. Data are presented on the temporal structure, fluxes, energy spectra and coordinates of the sources of gamma-ray bursts detected in the KONUS experiment on Venera 11 and Venera 12 space probes in the period September 1978 to May 1979. The statistical distributions of gamma bursts in duration, intensity, and...



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