

APPLICATION OF TELEMETRY TO GEOLOGICAL PROSPECTING IN CHINA

Zeng Fan-shuan and Wang Feng-kuan
Beijing Research Institute of Telemetry



Abstract

This paper describes the application of telemetry to petroleum prospecting and coal mine prospecting in China and gives an introduction to the operational features of petroleum prospecting and coal mine prospecting. The logarithmic coding and depth synchronous coding have been adopted to fit these features. The paper also introduces briefly the system scheme and the effectiveness in use. The results of the equipments have abundant capacity, large dynamic range, comparatively high accuracy, flexibility, the high speed gained from computer-aided data processing, and the advantage of being easy to use and less expensive, and consequently are applicable to the developing countries.