Record Nr. UNINA9910135859403321 IEEE Std 488.2-1992: IEEE Standard Codes, Formats, Protocols, and **Titolo** Common Commands for Use With IEEE Std 488.1-1987, IEEE Standard Digital Interface for Programmable Instrumentation / / Institute of **Electrical and Electronics** Pubbl/distr/stampa Piscataway, NJ, USA:,: IEEE, , 1991 **ISBN** 0-7381-0665-8 Descrizione fisica 1 online resource (254 pages) Disciplina 629.8 Soggetti Digital control systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto A set of codes and formats to be used by devices connected via the IEEE 488.1 bus is specified. This standard also defines communication protocols that are necessary to effect application-independent and device-dependent message exchanges, and furthere defines common commands and characteristics useful in instrument system applications. It is intended to apply to small-scale to medium-scale instrument systems comprised mainly of measurement, stimulus, and interconnect devices with an instrumentation controller. The standard may also apply to certain devices outside the scope of the instrument system environment. IEEE 488.1 subsets, standard message-handling protocols including error handling, unambiguous program and response-message syntactic structures, common commands useful in a wide range of instrument system applications, standard status

reporting structures, and system configuration and synchronization

protocols are covered. IEEE Std 488.2-1992, 488.2.