1. Record Nr. UNINA9910136012603321 IEEE Std 181-2011 (Revision of IEEE Std 181-2003) - Redline: IEEE Titolo Standard for Transitions, Pulses, and Related Waveforms - Redline // Institute of Electrical and Electronics Engineers Piscataway:,: IEEE,, 2011 Pubbl/distr/stampa **ISBN** 0-7381-8092-0 Descrizione fisica 1 online resource (71 pages) Disciplina 621.38 Soggetti Pulse modulation (Electronics) Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Includes bibliographical references. Nota di bibliografia Sommario/riassunto Approximately 100 terms and their definitions, for accurately and precisely describing the waveforms of pulse signals and the process of measuring pulse signals, are presented in this standard. Algorithms are provided for computing the values of defined terms that describe measurable parameters of the waveform, such as transition duration, state level, pulse amplitude, and waveform aberrations. These analysis algorithms are applicable to two-state waveforms havingone or two transitions connecting these states. Compound waveform analysis is accomplished by decomposing the compound waveform into its

constituent two-state single-transition waveforms.