

1. Record Nr.	UNINA9910488741703321
Titolo	2828-2021 - IEEE guide for measuring method of overhead power transmission line galloping based on monocular video // IEEE
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 2021
ISBN	1-5044-7565-8
Descrizione fisica	1 online resource
Disciplina	658.05
Soggetti	Data processing Phase-locked loops
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Overhead transmission line galloping is common in many countries, and the measurement and research for galloping have become increasingly necessary. Meanwhile, the development of machine vision technology provides a good technical basis for the field measurement of galloping. Galloping measurement is to obtain its characteristic parameters, such as galloping amplitude, frequency, loops number, and traces, which are the basis for galloping mechanism research and anti-galloping scheme development. In order to guide the field measurement of galloping, this guide has been developed to specify the monocular video-based measurement process, data processing and analysis method. The measuring method recommended in this guide has such advantages as non-contact, multi-point synchronous, and wide range measurement.