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Titolo	Equibalancedistribution (Eqbl) in the analysis of earthquake data : Influence of the risk of low magnitudes on spontaneous violent earthquakes / / by Marcus Hellwig
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ISBN	3-658-29859-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (82 pages)
Disciplina	550
Soggetti	Earth sciences Statistics Engineering geology Engineering—Geology Foundations Hydraulics Physical geography Earth Sciences, general Statistical Theory and Methods Geoengineering, Foundations, Hydraulics Earth System Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Entrance -- Limits of symmetric variance -- Association with asymmetry and steepness (kurtosis) -- Presentation of the logarithmic equal distribution, Eqbl -- Properties of Eqb -- Use of the Eqbl for the analysis of earthquakedata -- Approximation to the location parameters modal, mean, median; Introduction of the sine derivative -- Final Statement -- Summary.
Sommario/riassunto	The book describes the assessment of the risk and probability of occurrence of damage according to the Richter scale. It explains the connection of the probability theory of extreme processes with examples from the sciences of earthquake observation. In contrast to

many views, the present analysis takes into account the complete population of all measurement data of the magnitudes from 0 to the measured maximum Contents: Entrance Limits of symmetric variance Association with asymmetry and steepness (kurtosis) Presentation of the logarithmic equal distribution, Eqbl Properties of Eqb Use of the Eqbl for the analysis of earthquakedata Approximation to the location parameters modal, mean, median; Introduction of the sine derivative Final Statement Summary Target Groups: Engineers who are concerned with earthquake-resistant building concepts Geological institutes dealing with earthquakes and their dynamic effects Students of architecture, housing and urban planning Author: Marcus Hellwig currently works as QualityEngineer, He`s member of SCEC Community, Southern California Earthquake Center. Marcus does research in Statistics, Probability Theory and Telecommunications Engineering. His current project is 'New Probability Density Functions Equibalance Distributions Eqb & Eqbl' - also for the evaluation of i.a. Earthquake events.