

1. Record Nr.	UNISA996466398603316
Autore	Hellwig Marcus
Titolo	Particle emission concept and probabilistic consideration of the development of infections in systems : dynamics from logarithm and exponent in the infection process, percolation effects // Marcus Hellwig
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-69500-X
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIII, 110 p. 95 illus., 93 illus. in color.)
Disciplina	614.4072
Soggetti	Epidemiology - Statistical methods Epidemiologia Estadística matemàtica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Trends in the spread of infections, distribution and contact rates -- Addition of the 4th parameter kurtosis to the density Eqb -- Prediction using the density function and continuous adjustment of the parameters -- Basics for exponential propagation, the logarithm of historical data -- Developments in the USA -- Incidence under probabilistic aspects -- On the percolation theory COVID -- Examples of percolation effects.
Sommario/riassunto	The book describes the possibility of making a probabilistic prognosis, which uses the mean n-day logarithm of case numbers in the past to determine an exponent for a probability density for a prognosis, as well as the particle emission concept, which is derived from contact and distribution rates that increase the exponent of the probable development to the extent that a group of people can be formed. The content Trends in the spread of infections, distribution and contact rates Addition of the 4th parameter kurtosis to the density Eqb Prediction using the density function and continuous adjustment of the parameters Basics for exponential propagation, the logarithm of

historical data Developments in the USA Incidence under probabilistic aspects On the percolation theory COVID Examples of percolation effects The target groups Management of health resources and services, virology, students, statisticians The author Marcus Hellwig is quality manager according to qualification by the German Society for Quality DGQ and author of reference books.
