1. Record Nr.   UNINA990002561300403321
   Autore   Goursat, Édouard <1858-1936>
   Titolo   Functions of a Complex Variable / Edouard Goursat
   Pubbl/distr/stampa   New York : Doubleday, 1916
   Descrizione fisica   x, 259 p. ; 20 cm
   Collana   A course in mathematical analysis ; 2
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   Locazione   MAS
   Collocazione   MXIII-A-117
   Lingua di pubblicazione Inglese
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2. Record Nr.   UNINA9910346885903321
   Autore   Scarfone Antonio
   Titolo   New Trends in Statistical Physics of Complex Systems / Antonio Scarfone
   Pubbl/distr/stampa   MDPI - Multidisciplinary Digital Publishing Institute, 2019
                           Basel, Switzerland : , : MDPI, , 2019
   ISBN   9783038974703
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   Descrizione fisica   1 electronic resource (202 p.)
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   Sommario/riassunto   A topical research activity in statistical physics concerns the study of

complex and disordered systems. Generally, these systems are characterized by an elevated level of interconnection and interaction between the parts so that they give rise to a rich structure in the phase space that self-organizes under the control of internal non-linear dynamics. These emergent collective dynamics confer new behaviours to the whole system that are no longer the direct consequence of the properties of the single parts, but rather characterize the whole system as a new entity with its own features, giving rise to the birth of new phenomenologies. As is highlighted in this collection of papers, the methodologies of statistical physics have become very promising in understanding these new phenomena. This volume groups together 12 research works showing the use of typical tools developed within the framework of statistical mechanics, in non-linear kinetic and information geometry, to investigate emerging features in complex physical and physical-like systems.