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Autore	Ahmad Bashir
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Altri autori (Persone)	NtouyasSotiris K
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Nota di contenuto	Preliminaries -- Coupled Multi–Point fractional differential systems -- Systems of Caputo type sequential fractional differential equations -- A coupled nonlocal system of three fractional differential equations -- Nonlocal coupled systems of fractional differential equations -- Coupled systems of nonlinear multi-term fractional differential equations -- Nonlinear mixed-order coupled fractional differential systems -- Systems of Hilfer type fractional differential equations -- Coupled systems of sequential Caputo and Hadamard fractional differential equations -- Systems of fractional Langevin equations with boundary conditions -- A system of nonlocal Erd´elyi-Kober fractional differential equations -- Positive solutions for fractional differential systems -- A Langevin-type -variant system -- A coupled system of fractional -integro-difference equations.
Sommario/riassunto	This book studies the theoretical aspects for a variety of coupled

fractional differential systems involving Riemann-Liouville, Caputo, -Riemann--Liouville, Hilfer, --Hilfer, Hadamard, Hilfer--Hadamard, Erdelyi--Kober, (k,)-Hilfer, generalized, Proportional, -Proportional, Hilfer--proportional, -Hilfer--proportional type fractional derivative operators, subject to different types of nonlocal boundary conditions. The topic of fractional differential systems is one of the hot and important topics of research as such systems appear in the mathematical modeling of physical and technical phenomena. As the book contains some recent new work on the existence theory for nonlocal boundary value problems of fractional differential systems, it is expected that it will attract the attention of researchers, modelers and graduate students who are interested in doing their research on fractional differential systems. .