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   Soggetti   Research & information: general
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   Lingua di pubblicazione   Inglese

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   Sommario/riassunto   The dynamics of systems have proven to be very powerful tools in
                            understanding the behavior of different natural phenomena throughout
                            the last two centuries. However, the attributes of natural systems are
                            observed to deviate from their classical states due to the effect of
                            different types of uncertainties. Actually, randomness and
                            impreciseness are the two major sources of uncertainties in natural
                            systems. Randomness is modeled by different stochastic processes and
                            impreciseness could be modeled by fuzzy sets, rough sets, Dempster–
                            Shafer theory, etc.