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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.