

Download Engineering Self Organising Systems

Self-organization, also called (in the social sciences) spontaneous order, is a process where some form of overall order arises from local interactions between parts of an initially disordered system. Self-assembly is a process in which a disordered system of pre-existing components forms an organized structure or pattern as a consequence of specific, local interactions among the components themselves, without external direction. Business as usual is not an option, if we want to reduce hunger and poverty, improve rural livelihoods and achieve environmentally, socially and economically sustainable development for all. Terraforming Mars and Venus Using Machine Self-Replicating Systems (SRS)