

POIENARIU, Mihaela, IOAN, Rodica, *ON THE SELF-ORGANIZING PATTERN WITH APPLICATION TO SMART MATERIALS*

Abstract: The smart materials are organizing in space and time, forming a variety of complex structures, during the self-organization pattern. In this paper, we apply the Turing model in order to obtain highly structured forms from a single perturbation.

Keywords: Turing pattern, chaos, dynamical systems.

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