

MATHEMATICAL MODELLING OF LIVE SYSTEMS GROWTH

Obgadze T.A.

Georgian technical university, faculty of informatics and control systems, dep. Control systems, Georgia, 0175, Tbilisi, M. Kostava St. 77

In work based on the concept of fractal structure life's systems, the mathematical model of growth is under construction. Both plants, and separate bodies of live systems are studied. The unity of the natural phenomena of flora and fauna shows. Dynamics of social groups is studied and shows the uniform mechanism of development of live systems.