

FRACTAL GROWTH PATTERNS IN SCIENCE AND TECHNOLOGY

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Fractals and growth patterns have relevance in different areas of science and technology. Fractals are observed in nature, environment, ecology, chemistry, physics, botany, geology, mathematics etc. It is also observed in different parts of human body and several non-living systems. In the present communication, we report basic concepts of Euclidean geometry, fractals and fractal dimension, diffusion limited aggregation (DLA) model, recent advances in fractal growth during electrodeposition of metals and growth of different bacterial colonies.
