

Fractal Scanning Path Planning Control And Application Chinese Edition

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Summary:

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Fractal scanning path generation and control system for ... A fractal scanning path which is a FASS (space-filling, self-avoiding, simple and self-similar) curve is proposed for selective laser sintering (SLS). Research on fractal-scanning path for arbitrary boundary ... The fractal curve is proposed as a novel scanning-path used in Layered Manufacturing. Aiming at a limitation that the fractal curve can only fill a square region, a method is developed to realize the trimming of fractal curve in arbitrary boundary layer by means of judging intersection points. Fractal scanning path generation and control system for ... First, from the initial node, the fractal path is traversed, while the first intersection point is encountered, the scanning beam enters the boundary "walking" along the fractal curve, until the second intersection point is reached.

Fractal scanning path generation and control ... - DeepDyve A fractal scanning path which is a FASS (space-filling, self-avoiding, simple and self-similar) curve is proposed for selective laser sintering (SLS). The authors' preliminary research has proved that the samples which are produced by SLS along a fractal scanning path possess improved physical performance. Fractal Scanning Path Planning Control And Application ... Fractal Scanning Path Planning Control And Application Chinese Edition Ebook Free Download Pdf placed by Chelsea Bennett on October 31 2018. This is a ebook of Fractal Scanning Path Planning Control And Application Chinese Edition that visitor could be downloaded this with no registration at peoplescommclinic.org. Fractal Scanning Path Planning. Control. And Application ... Fractal scanning path for selective laser sintering. Research on the control and experiments for fractal scanning path and laser power in Selective Laser Cse.fjnu.edu.cn Yanhong] Beihang Univ, Dept Dynam & Control, Beijing 100191, Peoples R China. Chinese Univ.

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Hilbert Curve Fractal Stacking in the Application of Path ... The scanning process of fused deposition modeling is realizing the fill of certain region, Therefore, reasonable scanning path planning directly affects the forming efficiency and the precision of the work piece. The method of Hilbert curve fractal scanning path which basing on the characteristics of both partition and parallel scanning is put forward basing on the analysis of the existing.