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Ravi Malladi* (malladi@math.lbl.gov), Lawrence Berkeley Radiation National Laboratory, University of California, Berkeley, CA 94720. *A new model fitting algorithm for shape recovery from 3D and 2D image data sets.*

This talk will focus on a novel modeling scheme in which shapes are represented by deformable pedal curves/surfaces, with applications to shape recovery from 3D and 2D image sets. (Received October 04, 2000)