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Roberto M. Cesar-Jr* (cesar@vision.ime.usp.br), São Paulo, Brazil. *Shape analysis in computer vision: characterization, classification and decomposition.*

Shape analysis is one of the most important and traditional research topics in computer vision and image analysis. Such a key role is due to the descriptive power of shapes in image analysis tasks. This talk will discuss some shape analysis techniques and applications related to multiscale characterization, structural pattern recognition and analysis of dynamic data (i.e. video sequences). (Received January 30, 2008)