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Detection and classification of liver with tumor. Preliminary report.

Computerized liver tumor segmentation on computed tomography images is a challenging problem. In this paper, a sequence images for 30 seconds were got and we use total variation for this sequence. Mumford–Shah functional (Chan-Vese,2006) helps in finding the exact size and location of tumor. An efficient algorithm is proposed in this paper for tumor detection. (Received February 06, 2017)