

METHOD FOR AUTOMATICALLY DETERMINING TRACKERS ALONG
CONTOUR AND STORAGE MEDIUM STORING PROGRAM FOR IMPLEMENTING
THE SAME.

ABSTRACT

The present invention provides a method for automatically determining trackers along a contour of a particular object in a displayed image and a storage medium storing a program for implementing the method . This method comprises the steps of :establishing an initial region containing the particular object therein and setting a plurality of initial points on a boundary of the initial region (201); setting a target point for scanning the image from each of the plurality of initial points toward an inside of the initial region (202); selecting one or more tracker candidate points along a line segment between each of the plurality of initial points and the target point, in accordance with magnitude of the contour (203); and determining a set of tracker candidate points which minimizes a cost (204), by using dynamic programming, starting from a selected initial point among the plurality of initial points.

Fig 2