

ABSTRACT**COMPUTER IMPLEMENTED METHOD FOR DETERMINING SEQUENCE
TRAJECTORY AND VISUAL PLACE RECOGNITION METHOD**

A method (500) for determining a sequence trajectory of a scene includes the steps of a) determining a difference matrix (200) having a plurality of difference scores (202); b) determining a plurality of sequence blocks (210) from the difference matrix (200) for obtaining a plurality of sequence trajectories (300) corresponding to the plurality of sequence blocks (210); c) selecting a difference score having a minimum value in each of the plurality of sequence blocks (210) as a starting point (302) of the corresponding sequence trajectory; d) selecting a difference score having a minimum value within a predetermined neighbourhood range (310) of a current sequence point (303) in each of the plurality of sequence blocks (210) as a next sequential point (304) of the corresponding sequence trajectory; e) repeating step d) to determine the sequential points (304) of the corresponding sequence trajectory; and f) selecting a final sequence trajectory (350).

[Fig. 1]