

Invitation to tender for a license / purchase of rights to solution from Poznań University of Technology entitled:

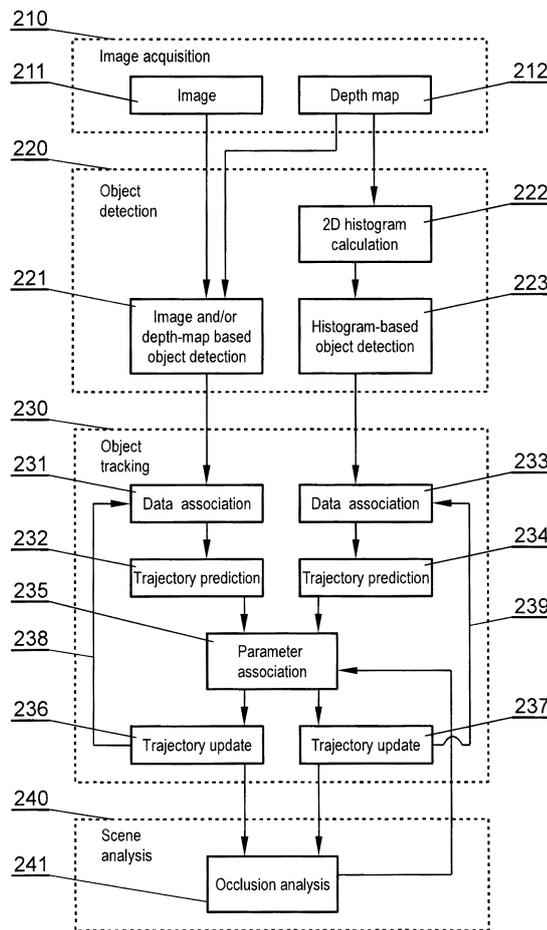
**System and a method for tracking objects**

Type of solution

Invention

Idea of solution

A method for video object tracking, the method comprising the steps of: receiving a sequence of stereoscopic images; receiving a depth map for each stereoscopic image of the sequence; calculating a first axis histogram for each depth map; applying a first object detection method to track objects based on the contents of the images and/or the depth maps; applying, in parallel to the first object detection method a second object detection method to track objects based on the contents of the histograms of the depth maps; and determining locations of tracked objects based on comparison of the results of the first object detection method and second object detection method.



Solution advantages / Market advantage

The invention relates to a system and method for video object tracking. In particular the present disclosure relates to resolving individuality of objects involved in an occlusion, when the occlusion takes place.

<b>Clients</b>
Video surveillance systems, entertainment, interactive games.
<b>Technology Readiness Level (TRL)</b>
TRL 2 - technology concept formulated
<b>Status of legal protection</b>
Patent no US 14664862 <a href="https://patents.google.com/patent/US9672634B2/en?q=US+14664862">https://patents.google.com/patent/US9672634B2/en?q=US+14664862</a>
<b>Preferred form of commercialization</b>
Non-exclusive license Exclusive license Sale of patent rights Spin-off company R&D and implementation projects
<b>Form of transfer of rights</b>
Patent documentation.
<b>Additional information</b>
<ol style="list-style-type: none"> <li>1. This Invitation to submit offers does not constitute an offer within the meaning of the provisions of the Civil Code.</li> <li>2. Poznan University of Technology will reject the offer if it contains an abnormally low price in relation to the value of the solution.</li> <li>3. Poznan University of Technology, in order to determine whether the offer contains an abnormally low price in relation to the value of the solution, will ask the Tenderer to provide explanations within a specified time limit regarding the elements of the offer affecting the price.</li> <li>4. If in the competition procedure it is not possible to select the best offer due to the fact that offers of the same price have been submitted, the Poznan University of Technology will call the Tenderers who submitted these offers to submit additional offers within the time limit specified by the Poznan University of Technology.</li> <li>5. Poznan University of Technology reserves the right to cancel the competition procedure if the submitted offers contain prices whose value will not exceed the value of the solution.</li> <li>6. Poznan University of Technology reserves the right to negotiate with selected Bidders.</li> <li>7. Poznan University of Technology has the right to withdraw from the procedure without giving any reason, without choosing an offer.</li> <li>8. The conclusion of the contract is conditional on the fulfillment of procedures provided for by legal regulations applicable to universities.</li> </ol>
<b>Method of submitting offers</b>
Offers should be submitted in Polish, in writing to the address of the Technology Transfer Center of the Poznan University of Technology or electronically to the unit's e-mail address.
<b>Contact details</b>
Technology Transfer Centre of the Poznan University of Technology pl. Marii Skłodowskiej-Curie 5 Office 409 60-965 Poznan ctt@put.poznan.pl