

What is claimed is:

1. A method of tracking an object of interest, the method comprising:

acquiring a first image and a second image representing different viewpoints of the object of interest;

processing the first image into a first image data set and the second image into a second image data set, the processing including filtering the first and second images to detect a presence of a predetermined pattern;

processing the first image data set and the second image data set to generate a background data set associated with a background;

generating a first difference map by determining differences between the first image data set and the background data set and a second difference map by determining differences between the second image data set and the background data set;

detecting a first relative position of the object of interest in the first difference map and a second relative position of the object of interest in the second difference map; and

producing an absolute position of the object of interest from the first and second relative positions of the object of interest.

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