# IMAGE PROCESSING BASED INFORMATION TECHNOLOGY FOR AUTOMATIC AIRBORNE OBJECT TRACKING

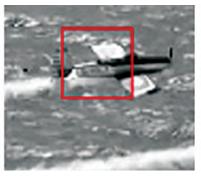






Object tracking against a background of glittering water







Object tracking against a rugged-relief surface

#### **Areas of Application**

The technology is to be used in systems for target object tracking

#### **Specification**

The technology applies to real-time systems. It provides a reliable automatic object tracking in the following conditions: on the background of surfaces with various textures; significant changes in the object shape (spatial orientation) along the whole tracking distance; sudden changes in the object scale; defocusing of the object; varying brightness and contrast of the image

#### **IPR Protection**

IPR2

### **Advantages**

It provides a better computational speed as compared with the state-of-the-art analogs

## **Stage of Development. Suggestions for Commercialization**

IRL3, TRL2 Customization and software installation, upon request

#### **Contact Information**

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