

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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