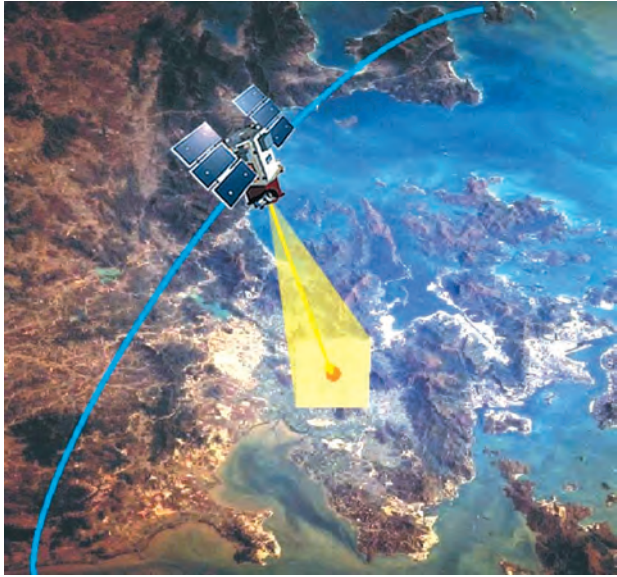


HIGH-ACCURACY POSITIONING BASED ON ORBITAL DATA ONLY



Satellite image of polygon with known point landmarks

Advantages

The method enables accurate positioning based on satellite images, after in-flight geometric calibration with the use of data on several (1–3) known point landmarks on ground polygon

Areas of Application

The method is to be used for processing the Earth's surface satellite images by the ground data processing center for the purposes of mapping, wildlife management, natural resource management, and monitoring of their conditions

Specification

The root mean square error of coordinate determination is approximately 10 m

IPR Protection

IPR1

Stage of Development. Suggestions for Commercialization

IRL3, TRL4

Computer program for the ground data processing center

Contact Information

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