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Onboard Sensemaking for Guidance, Control, and Remote Sensing Application in Image Processing

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Message from the Guest Editor

The upcoming explosion in the number of small satellites in orbit and unmanned systems in the air requires the implementation of onboard, autonomous image processing for a broad range of applications, including sensemaking, change detection, rendezvous and docking, autonomous inspection, navigation, swarming, and prediction. Simultaneously, advancements in devices and networks are rapidly increasing sensor output, processing, and fusion capabilities, such that it is becoming possible to envision extremely large mesh networks of heterogeneous platforms and sensors in all operational domains: sea, land, air, space, and cyberspace.



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Special Issue



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Message from the Editor-in-Chief

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