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Vision-Based UAV Navigation

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Message from the Guest Editor

Recently, the unmanned aerial vehicle (UAV) industry is rapidly growing, and UAVs are starting to play an important role in various missions such as search and rescue, environmental monitoring, security monitoring, transportation, and inspection. A lot of research on various sensor-based navigation for UAVs and various robots is being actively conducted in academia or research institutes. This is because state estimation or active search in an unknown environment using sensor information is essential indoors or in areas where GPS is not available.

This Special Issue aims to contribute to an increase in the level of knowledge in the context of vision-based UAV navigation. In this Special Issue, original research articles and reviews are welcome.

Dr. Sungwook Jung

Guest Editor



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Special Issue



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