UAV Maneuver Control Technology

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With the development of unmanned aerial vehicles, higher requirements have been put forward for their maneuver abilities. The maneuvering control for UAV has shown its importance and has become a hot research topic. The purpose of this session is to bring together experts, scientists and engineers throughout the world to present and share their recent research results and innovative ideas related to maneuver control for UAVs. The topics of paper include, but are not limited to: The theoretical foundation of UAV maneuvering control, UAV maneuvering trajectory generation, maneuvering trajectory precise tracking control, the maneuvering control method under unsteady conditions, the maneuvering control evaluation method and other related innovative applications and research trends.

无人机机动控制技术

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随着无人机应用领域拓展和无人机平台能力的增强，对其机动性提出了更高要求，无人机机动控制技术的发展和应用成为一个新的研究关注点。本专题旨在与世界范围内相关专家、学者、工程师一起，共同展示和分享无人机机动控制领域研究和应用的新思路和新成果。本专题论文主题包含但不限于：无人机机动控制理论基础、无人机机动轨迹生成理论和方法、无人机机动轨迹精确跟踪控制理论和方法、非定常条件下的机动控制方法、机动控制评价方法等相关创新应用及研究新趋势。