

عنوان مقاله:

AI and Space Law Navigating the Networked Frontier

محل انتشار:

هفتمین کنفرانس بین المللی توسعه فناوری در مهندسی مکانیک و هوافضا (سال: 1402)

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خلاصه مقاله:

In this pioneering article, we delve into the exciting realm where Artificial Intelligence (AI) intersects with space law, exploring its implications and potential. Drawing upon extensive research and cutting-edge insights, we uncover the transformative power of AI in networked space activities. By examining AI's applications in critical areas such as space traffic management, autonomous spacecraft operations, compliance monitoring, and legal research, we uncover its profound impact on the future of space exploration and governance. We emphasize the need to address ethical considerations and security challenges that accompany the integration of AI in the space domain. By harnessing the vast capabilities of AI, space law can navigate the intricate intricacies of the networked space environment, paving the way for responsible and sustainable space endeavors. This article propels us into an era where AI and space law converge, opening unprecedented opportunities for humanity's cosmic aspirations

کلمات کلیدی:

Artificial intelligence, Traffic Management, Autonomous Spacecraft, Legal Research

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