

1. Record Nr.	UNISA996464518303316
Autore	Shivakumara Palaiahnakote
Titolo	Cognitively inspired video text processing / / Palaiahnakote Shivakumara, Umapada Pal
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] ©2021
ISBN	981-16-7069-2
Descrizione fisica	1 online resource (283 pages)
Collana	Cognitive intelligence and robotics
Disciplina	005
Soggetti	Text processing (Computer science) Digital video Computer vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910736008603321
Autore	Sachdeva G. S
Titolo	Crimes in Outer Space : Perspectives from Law and Justice // by G. S. Sachdeva
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9932-65-3
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (277 pages)
Collana	Issues in Space, , 2662-9038
Disciplina	341.47
Soggetti	Law of the sea International law Aeronautics - Law and legislation Space International relations Crime Technology Law of the Sea, Air and Outer Space Space Studies International Relations Crime and Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter I Crimes in Space: Illustrative Narratives -- Chapter II Past Instances of Near-Crimes in Space: The US -- Chapter III Past Instances of Near-Crimes in Space: The Others -- Chapter IV Crimes and Space Crimes: A General Discussion -- Chapter V Future Crimes in Space: A Visualisation -- Chapter VI Space Crimes through Technology: A New Trend -- Chapter VII Jurisdictional Issues: An Analysis -- Chapter VIII Legal Procedures under International Law: A Cumbersome Process -- Chapter IX Diverse Legal Systems: A Global View -- Chapter X Disparities in Legal Codes and Social Norms: Divergent Perceptions -- Chapter XI Appraisal and Solutions -- Chapter XII Some Conclusions.
Sommario/riassunto	This book flags and contemplates the lurking problem of space crimes that may escalate and expand with diversification of space activities,

greater footfall on the celestial bodies and passage of time, for the lack of appropriate solutions. It appraises the incumbent problems to evolve solutions and make recommendations regarding space crime situations. Recognizing current situation where commercial space travel has commenced, and space tourism is not far behind, the book takes a pole position on discussing the topic with its endemic challenges. Space transportation is expected to lead to commercial mining of celestial mineral resources from the Moon and asteroids, as has been found technically feasible and commercially viable. Space-specific products have been identified for industrial mining, processing, and manufacturing, for which manpower would be necessary, howsoever minimal, despite artificial intelligence devices. Blueprints for space habitations on the Moon and Mars are being prepared. In this scenario, where outer space and celestial bodies may soon be inhabited by multi-nationality, multi-ethnic and multi-cultural groupings of tourists, workers, and residents, given cramped and not so comfortable or private living spaces, attitudinal disparities and conflicting beliefs, differences, disputes, conflicts, and crimes are sure to raise their head. Economic activity and business culture may usher in crimes of competition and spying on intellectual property. Space crimes through technologies like cyber, lasers, etc., may also permeate the space domain for ill-intentioned abuses. The criminals may be individuals or collective groups or incognito terrorists. The book also discusses crimes and near-crimes that have already occurred in space but have been ignored or condoned. Absence of sovereignty on celestial bodies coupled with crimes in space or on celestial bodies, presents problems of jurisdiction, extradition, and other legal procedures. The dilemma of multi-national judicial systems, legal codes and norms of social justice need to be resolved by a specialized treaty reconciling major bends in the existing system vis-à-vis the nature of space crimes. Limitations in handling such crimes by the existing judicial system under established doctrines of international law by International Court of Justice or International Criminal Court, is highlighted in the book. It has strong take-aways for research scholars, law fraternity, diplomatic corps, judicial administration, policy-makers and the political class, enabling them to pro-actively initiate action for suitable answers. .
