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   Altri autori (Persone) KiranyazSerkan

   Disciplina   006.3

   Soggetti   Artificial intelligence
                       Diagnosis
                       Epidemiology
                       Artificial intelligence - Data processing
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   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di contenuto   Introduction -- Philosophical and Mathematical Background -- Axioms of Soft Logic -- Soft Numbers -- The Soft Coordinate System -- Soft Logic and Calculus -- Soft Curves -- The Dynamics of Soft Logic -- Soft Analysis -- Limits of Soft Numbers -- The Soft Mobius Function and the Riemann Hypothesis -- Soft Probability and Entropy -- Soft Logic and the Privacy Paradox -- Application Examples and Further Research.

   Sommario/riassunto This is a pioneering book that delves into the intersection of artificial intelligence (AI) and healthcare, specifically focusing on the detection and prevention of infectious diseases. Authored by leading experts in the field, this book offers a comprehensive overview of the latest advancements, challenges, and applications of AI in combating infectious diseases. With a unique emphasis on big data, wearable data, and computer vision, the book presents original research works that showcase innovative approaches to leveraging AI for disease surveillance, screening, and severity stratification. Through a combination of review chapters summarizing the current state of the

field and novel applications of AI technology, readers gain valuable insights into the potential of AI in addressing major life-threatening infectious diseases identified by the UN Sustainable Development Goal 3. The book's structure ensures a balanced blend of theoretical foundations and practical applications, making it accessible to both researchers and healthcare professionals. By exploring cutting-edge methodologies and case studies, the book equips readers with the knowledge and tools needed to harness the power of AI in the fight against infectious diseases, ultimately contributing to global efforts to improve public health outcomes. With its interdisciplinary approach and focus on AI-driven solutions, " Surveillance, prevention, and control of infectious diseases: An AI perspective" serves as an invaluable resource for researchers, practitioners, and policymakers seeking to stay abreast of the latest developments in this rapidly evolving field. Whether exploring the role of wearable devices in disease monitoring or examining the potential of computer vision for early detection, this book offers a comprehensive overview of AI applications that have the potential to revolutionize infectious disease management and prevention strategies.

2.	Record Nr.	UNINA9910150492403321
	Autore	Chekov Anton <1860-1904>
	Titolo	Lion and the Sun
	Pubbl/distr/stampa	Gildan Audio
	ISBN	1-4690-8702-2
	Lingua di pubblicazione	Inglese
	Formato	Musica
	Livello bibliografico	Monografia
	Sommario/riassunto	When Stepan Ivanovitch Kutsyn, the mayor of a town, learns that a Persian magnate is visiting, he instantly becomes intrigued. The mayor had already received various medals and badges, such as the badge of the Red Cross and the badge of the Society of Saving from Drowning. He also had made an impressive looking badge for himself to add to his jacket. The presence of the Persian magnate, Rahat-Helam, created the possibility that the mayor could receive the order of the Lion and the Sun, without having to perform any of the services generally required to receive such an honor. The mayor visits Rahat-Helam at his hotel and introduces himself. Quickly, the mayor learns that there is a language barrier between them. As a result, he uses paintings on the wall and gestures to communicate his thoughts. This form of communication seems to work, and soon Stepan and Rahat-Helam are spending time together. Stepan shows the vistor around the town, making a point to take him to a particular gate in town with a lion on it. He points to the lion, to the sun in the sky, and then to his chest. Although the town makes fun of their mayor for his underhanded efforts to get this honor, after the visitor leaves, he does indeed get the order. But is he satisfied?