1.	Record Nr.	UNISA996388427503316
	Autore	Donne John <1572-1631.>
	Titolo	Six sermons upon severall occasions [[electronic resource]] : preached before the King, and elsewhere: by that late learned & reverend divine John Donne, Doctour in divinitie, and Dean of S. Pauls, London
	Pubbl/distr/stampa	[Cambridge], : Printed by [Thomas Buck and Roger Daniel] the printers to the Vniversitie of Cambridge : and are to be sold by Nicholas Fussell and Humphrey Mosley, at their shop in Pauls Church-yard [, London], 1634
	Descrizione fisica	[6], 37, [3], 40, [2], 24, [2], 26, [2], 23, [3], 16 p
	Soggetti	Sermons, English - 17th century
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	The first leaf is blank except for an ornament.
		"Two sermons preached before King Charles, upon the xxvi verse of the first chapter of Genesis", "The second sermon preached before King Charles, upon the xxvi verse of the first chapter of Genesis", "A sermon upon the xix verse of the ii chapter of Hosea", "A sermon upon the xliiii verse of the xxi chapter of Matthew", "A sermon upon the xxii verse of the v chapter of John", and "A sermon upon the xv verse of the viii chapter of John" each has separate dated title page and pagination; register is continuous.
		"Two sermons preached before King Charles, upon the xxvi verse of the first chapter of Genesis" is separately listed as STC 7058 and may have been issued separately, but its title page is conjugate with the general title.
		"A sermon upon the xv verse of the viii chapter of John" identified as STC 7055 on UMI microfilm reel 1234.
		Reproductions of the originals in the Bodleian Library and Harvard University. Library.
		Appears at reel 1234 (Bodleian Library copy) and at reel 1269 (Harvard University. Library copy, "A sermon upon the xv verse of the viii chapter of John" only).

Sommario/riassunto	eebo-0216

2.	Record Nr.	UNINA9911019360403321
	Autore	Tripathi Nishith D
	Titolo	Fundamentals of O-RAN
	Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2025 ©2025
	ISBN	9781394206834 1394206836 9781394206827 1394206828 9781394206810 139420681X
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (330 pages)
	Altri autori (Persone)	ShahVijay K
	Soggetti	Open Radio Access Network Mobile communication systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- About the Authors -- Preface -- Acknowledgments -- Acronyms -- About the Companion Website -- Chapter 1 Introduction to ORAN -- 1.1 Evolution of Cellular Technologies -- 1.2 Components of Cellular Systems -- 1.3 Evolution of the RAN -- 1.3.1 Horizontal Disaggregation of RAN: A Protocol Perspective -- 1.4 Introduction to the ORAN ALLIANCE and the ORAN Architecture -- 1.4.1 ORAN ALLIANCE: A Brief Overview -- 1.4.2 The ORAN Architecture in a Nutshell -- 1.4.3 Groups in the ORAN ALLIANCE -- 1.5 Driving Forces Behind ORAN -- 1.6 O RAN Ecosystem -- 1.7 ORAN Use Cases -- 1.7.1 ContextBased Dynamic HO Management for V2X -- 1.7.2 Flight PathBased Dynamic UAV Radio Resource Allocation -- 1.7.3 Radio Resource Allocation for UAV Application Scenario -- 1.7.4 QoE Optimization

Sommario/riassunto	Comprehensive reference on O-RAN technology, covering its history, architecture, security, ecosystem, and more, with didactic resources included throughout Discussing both basic and advanced concepts, Fundamentals of O-RAN delivers a comprehensive summary of O-RAN, covering its history, architecture, control loops and microservices (i.e., xApps and rApps), security, ecosystem, R&D initiatives, and challenges and evolution toward 6G. The book not only includes key theoretical principles of O-RAN, but also provides a framework for the reader to carry out guided hands-on exercises through online auxiliary materials. Homework problems and review questions are included in online auxiliary materials to reinforce learning. The book includes instructions on how to create xApps, which are expected to be one of the most promising aspects of O-RAN; for example, by working with an end-to-end O-RAN system using a network slicing functionality where the rApp provides slicing specified policies to the xApp which then allocates the base station's spectrum resources based on the slicing policy to each user (belonging to a certain slice). Readers will also gain an understanding of cellular networks, particularly radio access networks, software virtualization, and software-defined networking concepts, and the knowledge needed to design, build, and test a 5G O-RAN system. Some of the sample topics explored in Fundamentals of O-RAN include: * RAN evolution from black box 4G RAN to software-based and virtualized RAN (vRAN) * Components of the O-RAN architecture including SMO, Non-RT RIC, Near-RT RIC, O-CU-CP, O-CU-UP, O-DU, O-RU, and O-Cloud * xApp design and prototyping from scratch using open cellular software, srsRAN and O-RAN Software Community (OSC) software. * Examination of various security dimensions inherent in the O-RAN architecture. * Testing and integration, covering Open Test and Integration Centers (OTICs), global PlugFests, certification and badging, and end-to-end test specifications * Work Groups (WGs), including WG1 to WG11, and focus groups, with information on how to obtain WG specifications Fundamentals of O-RAN is an essential reference for the workforce of tomorrow's cellular industry, including graduate students, teachers, researchers, faculty members, engineers, and employees involved in the field of wireless networks, especially radio networks.