

1. Record Nr.	UNINA9910985639303321
Autore	Ahmed Waqas
Titolo	Advanced Database Systems
Pubbl/distr/stampa	Burlington : , : Toronto Academic Press, , 2024 ©2024
ISBN	9781779561732 1779561733
Edizione	[1st ed.]
Descrizione fisica	1 online resource (258 pages)
Soggetti	Database management Big data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title Page -- Copyright -- About The Editor -- Contents -- List of Figures -- List of Tables -- List of Abbreviations -- Preface -- Chapter 1: Introduction To Database Systems -- Unit Introduction -- 1.1. Basics Of Database Systems -- 1.2. History Of Database Systems -- 1.3. Importance Of Database Systems -- 1.4. Components Of Database Systems -- 1.5. Data Storage And Retrieval -- 1.6. Characteristics Of Database Systems -- 1.7. Architecture Of Database Systems -- 1.8. Query Processing And Optimization -- 1.9. Importance Of Database Systems In Modern World -- Summary -- Multiple Choice Questions -- Review Questions -- References -- Chapter 2: Types Of Databases -- Unit Introduction -- 2.1. Hierarchical Databases -- 2.2. Network Databases -- 2.3. Relational Databases -- 2.4. Object-oriented Databases
Sommario/riassunto	Advanced Database Systems, edited by Waqas Ahmed, is a comprehensive exploration of modern database technologies and methodologies. It covers fundamental concepts of database systems, including their history, components, and architecture. The book delves into various types of databases such as hierarchical, network, relational, and NoSQL databases, discussing their advantages, disadvantages, and applications. It also addresses topics like data modeling, big data analytics, stream processing, and cloud-based

database systems. The book aims to provide a thorough understanding of database systems for students, researchers, and professionals in computer science and information technology, emphasizing the importance of data management, decision making, and innovation in today's digital world.

2. Record Nr.	UNINA9911031578203321
Autore	Dassios Theodore
Titolo	Clinical Respiratory Physiology of the Newborn / / by Theodore Dassios
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-032-05738-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (165 pages)
Collana	In Clinical Practice, , 2199-6660
Disciplina	618.92
Soggetti	Pediatrics Respiratory organs Physiology Respiratory Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The respiratory system before and after birth -- Common neonatal respiratory disorders -- Ventilation -- Diffusion -- Perfusion -- Ventilation to Perfusion relationships -- Oxygen transport to the tissues -- Mechanics of breathing -- Work of breathing -- Control of respiration -- Ventilator waveforms -- The neonatal respiratory system at critical extremes -- Children and adults with a history of neonatal lung disease -- Lung function tests in neonates.
Sommario/riassunto	This book provides a practical overview of the clinical and scientific knowledge relevant to the respiratory physiology of the newborn infant. Clear and concise chapters examine topics such as the mechanics of breathing, the neonatal respiratory system at critical extremes and lung function tests in neonates. Clinical Respiratory Physiology of the Newborn is an indispensable resource for fellows in neonatology and paediatric intensive care as well as senior consultants within the same

specialities seeking a complete bedside guide to this evolving topic in clinical practice.
