

1. Record Nr.	UNISA996279748003316
Titolo	ANSI/IEEE Std 802.3-1985 : IEEE Standards for Local Area Networks: Carrier Sense Multiple Access With Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, USA : , : IEEE, , 1984
ISBN	0-7381-4253-0
Descrizione fisica	1 online resource (146 pages)
Disciplina	004.68
Soggetti	Local area networks (Computer networks)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The carrier sense multiple access with collision detection (CSMA/CD) media access method is the means by which two or more stations share a common bus transmission medium. This is a comprehensive standard for local area networks employing CSMA/CD as the access method. This standard encompasses several media types and techniques for signal rates from 1 Mb/s to 20 Mb/s. IEEE Std 802.3-1985 provides the necessary specifications and related parameter values for a 10 Mb/s baseband implementation. In order to achieve greater clarity and flexibility, this document is organized along architectural lines, i.e. emphasizing the logical divisions of the system and how they fit together. It describes the large-scale separation of the system into two parts: the media access control (MAC) sublayer of the data link layer, and the physical layer. These layers correspond closely to the lowest layers of the ISO Model for Open System Interconnection (OSI). The LLC sublayer and the MAC sublayer together encompass the functions intended for the data link layer as defined in the OSI model.</p>

2. Record Nr.	UNINA9910743274503321
Titolo	Automation, Operation and Maintenance of Control and Communication Systems
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2023
Descrizione fisica	1 online resource (264 p.)
Soggetti	History of engineering & technology Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The Special Issue constitutes the collection of the selected papers, which results were presented during the XVIII Conference on Automation, Operation and Maintenance of Control and Communication Systems ASMOR 2022. The conference took place in Wadysawowo (Poland) on 12-14 October 2022. The scope of the conference was mainly focused on automation and exploitation aspects of the control and communications systems. In order to meet the highest quality standards for published papers, only the articles selected by the ASMOR Scientific Committee and the Electronics Editors were qualified for an extensive reviewing process.</p>