

DATA AND COMPUTER COMMUNICATIONS

Seventh Edition



WILLIAM STALLINGS

Data And Computer Communications 7th Edition

William Walter Stallings



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"Data and Computer Communications" with "Operating Systems" William Stallings, 2004-01-08

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Multi-Fractal Traffic and Anomaly Detection in Computer Communications Ming Li, 2022-12-29 This book provides a comprehensive theory of mono and multi fractal traffic including the basics of long range dependent time series and 1/f noise ergodicity and predictability of traffic traffic modeling and simulation stationarity tests of traffic traffic measurement and the anomaly detection of traffic in communications networks Proving that mono fractal LRD time series is ergodic the book exhibits that LRD traffic is stationary The author shows that the stationarity of multi fractal traffic relies on observation time scales and proposes multi fractional generalized Cauchy processes and modified multi fractional Gaussian noise The book also establishes a set of guidelines for determining the record length of traffic in measurement Moreover it presents an approach of traffic simulation as well as the anomaly detection of traffic under distributed denial of service attacks Scholars and graduates studying network traffic in computer science will find the book beneficial

Data Communications and Networking Global Edition 5e Behrouz A. Forouzan, 2012-05-16 The fifth edition of Behrouz Forouzan's Data Communications and Networking presents a comprehensive and accessible approach to data communications and networking that has made this book a favorite with students and professionals alike More than 830 figures and 150 tables accompany the text and provide a visual and intuitive opportunity for understanding the material This unique approach minimizes the need for heavy math content allowing normally complicated topics to unfold graphically and visually rather than through the presentation of complex formulas The global edition has been developed specifically to meet the needs of international computer networks students In addition to a chapter on the peer to peer paradigm a full chapter on quality of service QoS generous coverage of forward error correction coverage of WiMAX and material on socket interface programming in Java we have added new international end of chapter questions and problems to make the content more relevant and improve learning outcomes for the international student

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computer networks that are most relevant to real world applications Offering a complete view of computer networks the book is designed for both undergraduate students and professionals working in a variety of computer network dependent industries With input from over 270 experts in the field and with over 1 000 peer reviewers the text covers local and wide area networks the Internet wireless networks voice over IP global networks and more *User's Guide to Cryptography and Standards* Alexander W. Dent,Chris J. Mitchell,2005 With the scope and frequency of attacks on valuable corporate data growing enormously in recent years a solid understanding of cryptography is essential for anyone working in the computer network security field This timely book delivers the hands on knowledge you need offering comprehensive coverage on the latest and most important standardized cryptographic techniques to help you protect your data and computing resources to the fullest Rather than focusing on theory like other books on the market this unique resource describes cryptography from an end user perspective presenting in depth highly practical comparisons of standards and techniques *TENCON 2004*,2004 **Data and Computer Communications** Prentice Hall PTR,1997-01-01 [Annual Review of Communications](#),2005

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