

Dark Fiber Lease Considerations Ctc Technology Energy

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Inequity in the Technopolis - Joseph Straubhaar 2012-03-15

Over the past few decades, Austin, Texas, has made a concerted effort to develop into a “technopolis,” becoming home to companies such as Dell and numerous start-ups in the 1990s. It has been a model for other cities across the nation that wish to become high-tech centers while still retaining the livability to attract residents. Nevertheless, this expansion and boom left poorer residents behind, many of them African American or Latino, despite local and federal efforts to increase lower-income and minority access to technology. This book was born of a ten-year longitudinal study of the digital divide in Austin—a study that gradually evolved into a broader inquiry into Austin’s history as a segregated city, its

turn toward becoming a technopolis, what the city and various groups did to address the digital divide, and how the most disadvantaged groups and individuals were affected by those programs. The editors examine the impact of national and statewide digital inclusion programs created in the 1990s, as well as what happened when those programs were gradually cut back by conservative administrations after 2000. They also examine how the city of Austin persisted in its own efforts for digital inclusion by working with its public libraries and a number of local nonprofits, and the positive impact those programs had.

The Essential Guide to Telecommunications - Dodd 2006-09

Serving Rural America - 2001

This report describes the Rural Transportation Initiative, begun in May 1999 by the U.S. Department of Transportation (DOT). The main objective of the initiative is to guarantee that rural areas and small communities gain the economic, social, environmental, and community benefits that the DOT programs provide. Transportation modes covered in the report include highway travel, air transportation, public transit, railroads, water transportation and pipelines.

System z End-to-End Extended Distance Guide - Frank Kyne 2014-03-06

This IBM® Redbooks® publication will help you design and manage an end-to-end, extended distance connectivity architecture for IBM System z®. This solution addresses your requirements now, and positions you to make effective use of new technologies in the future. Many enterprises implement extended distance connectivity in a silo manner. However, effective extended distance solutions require the involvement of different teams within an organization. Typically there is a network group, a storage group, a systems group, and possibly other teams. The intent of this publication is to help you design and manage a solution that will provide for all of your System z extended distance needs in the most effective and flexible way possible. This book introduces an approach to help plan, optimize, and maintain all of the moving parts of the solution together.

Enabling the City - Josefine Fokdal 2021-07-28

Enabling the City is a collaborative book that focuses on how interdisciplinary and transdisciplinary processes of knowledge production may contribute to urban transformation at a local level in the 21st century, striking a balance between enthusiastic support for such transformational potential and a cautious note regarding the persistent challenges to the ethos as well as the practice of inter and transdisciplinarity. The rich stories reflect different research and local practice cultures, exploring issues such as ageing, community, health and dementia, public space, energy, mobility cultures, heritage, housing, re-use, and renewal, as well as more universal questions about urban sustainability and climate change, and perhaps most importantly, education. Against this backdrop, aspirations for the 21st century are related to the international, national, and local agendas expressed in the Sustainable Development Goals (SDGs) and in the New Urban Agenda (NUA), raising fundamental questions of how to enable development. We highlight aspects of transformative learning and ways of knowing, critical to any collaborative and participatory process.

Louisiana Annual Reports - Louisiana. Supreme Court 1900

Handbook of Fiber Optic Data Communication - Casimer DeCusatis 2002

Optical fibers are remarkable strands of glass -- each thinner than a human hair, yet stronger, length for length, than steel. They can carry vast amounts of data that are transmitted via tightly focused laser beams, This second edition of the Handbook is a completely up-to-date, self-contained reference source for anyone involved in developing or using fiber optic technology.

Crossing the Rubicon - Michael C. Ruppert 2004-09-15

The acclaimed investigative reporter and author of *Confronting Collapse* examines the global forces that led to 9/11 in this provocative exposé. The attacks of September 11, 2001 were accomplished through an amazing orchestration of logistics and personnel. *Crossing the Rubicon* examines how such a conspiracy was possible through an interdisciplinary analysis of petroleum, geopolitics, narco-traffic, intelligence and militarism—without which 9/11 cannot be understood. In reality, 9/11 and the resulting "War on Terror" are parts of a massive authoritarian response to an emerging economic crisis of unprecedented scale. Peak Oil—the beginning of the end for our industrial civilization—is driving the elites of American power to implement unthinkably draconian measures of repression, warfare and population control. *Crossing the Rubicon* is more than a story of corruption and greed. It is a map of the perilous terrain through which we are all now making our way.

IBM SAN Survival Guide - Jon Tate 2015-08-05

As we all know, large ocean going ships never collide with icebergs. However, occasionally life deals out some unexpected pleasures for us to cope with. Surviving any disaster in life is usually a lot easier if you have prepared adequately by taking into account the likely problems, solutions, and their implementation. In this IBM Redbooks publication, we limit ourselves to those situations in which it is likely that a SAN will be deployed. We present the IBM SAN portfolio of products, going a little under the surface to show the fault tolerant features that they utilize, and then describe solutions with all these features taken into account. Each of these solutions was built on practical experience, in some cases with cost in mind, in some cases with no cost in mind. Any well-thought-out SAN design will have taken every single one of these concerns into account, and either formulated a solution for it, or ignored it, but nonetheless understanding the potential exposure. With these points in mind, in this book we have two objectives: to position the IBM SAN products that are currently in our portfolio; and to show how those products can be configured together to build a SAN that not only allows you to survive most forms of disaster, but also provides performance benefits. So, make sure that you know what to do if you hit an iceberg!

Falling Through the Net - 2000

Cooperative Networking - Mohammad S. Obaidat 2011-07-15

This book focuses on the latest trends and research results in Cooperative Networking. This book discusses the issues involved in cooperative networking, namely, bottleneck resource management, resource utilization, servers and content, security, and so on. In addition, the authors address instances of cooperation in nature which actively encourage the development of cooperation in telecommunication networks. Following an introduction to the fundamentals and issues surrounding cooperative networking, the book addresses models of cooperation, inspirations of successful cooperation from nature and society, cooperation in networking (for e.g. Peer-to-Peer, wireless ad-hoc and sensor, client-server, and autonomous vehicular networks), cooperation and ambient networking, cooperative caching, cooperative networking for streaming media content, optimal node-task allocation, heterogeneity issues in cooperative networking, cooperative search in networks, and security and privacy issues with cooperative networking. It contains contributions from high profile researchers and is edited by leading experts in this field. Key Features: Focuses on higher layer networking Addresses the latest trends and research results Covers fundamental concepts, models, advanced topics and performance issues in cooperative networking Contains contributions from leading experts in the field Provides an insight into the

future direction of cooperative networking Includes an accompanying website containing PowerPoint slides and a glossary of terms (www.wiley.com/go/obaidat_cooperative) This book is an ideal reference for researchers and practitioners working in the field. It will also serve as an excellent textbook for graduate and senior undergraduate courses in computer science, computer engineering, electrical engineering, software engineering, and information engineering and science.

Global Value Chains and World Trade - René Antonio Hernández 2014

"Selection of original papers presented at the international conference 'Latin America's Prospects for Upgrading in Global Value Chains,' held on 14-15 March 2012, at Colegio de Mexico, Mexico City"--Title page vers
PROJECT FINANCE IN PRACTICE CASE STUDIE - Carmel F. de Nahlik 2014

An Enterprise Map of Mozambique - John Sutton 2014-06

Business and Security - Alyson J. K. Bailes 2004

The private business sector suffered both directly and indirectly from the terrorist strikes of September 11th. Many business workers perished in the New York World Trade Center, and the insurance, transport, and tourism industries were hard hit by the aftermath. Restrictions imposed in the

name of security made business travel and the movement of goods more complicated. The private sector was called upon to support the fight against terrorism actively with tougher controls on money transfers and on the export of dangerous materials and technologies. These events offered a striking case of the growing interdependence of the private and public sectors in tackling present-day security challenges. The impact of the private sector, for good or ill, in areas of conflict has long been recognized.

Private business is at the centre of the latest concerns over the vulnerability of crucial infrastructures, including energy supply. Systematic public-private sector consultation and partnership are needed to tackle these problems, but neither the principles nor comprehensive mechanisms for such cooperation have yet been identified. This book brings together reflections on general and specific aspects of public-private sector interaction, from a variety of experts in business, government, international organizations and the academic world. For completeness and balance, it also inquires into the costs of security and includes perspectives from Africa and the Arab World. It offers new reference material to help in the further exploration of this important subject.

Cuba - Rex A. Hudson 2002

"Describes and analyzes the economic, national security, political, and social systems and institutions of Cuba."--Amazon.com viewed Jan. 4,

2021.

Direction of Traffic - 1999

Looks at the wholesale market for international telecommunications traffic. Specifically, it is concerned with the transition from the traditional revenue-sharing mechanisms of the accounting rate system to newer, cost-oriented mechanisms, principally via domestic interconnect regimes or via the Internet.

Language, Truth and Logic - Alfred Jules Ayer 2012-04-18

"A delightful book ... I should like to have written it myself." – Bertrand Russell First published in 1936, this first full-length presentation in English of the Logical Positivism of Carnap, Neurath, and others has gone through many printings to become a classic of thought and communication. It not only surveys one of the most important areas of modern thought; it also shows the confusion that arises from imperfect understanding of the uses of language. A first-rate antidote for fuzzy thought and muddled writing, this remarkable book has helped philosophers, writers, speakers, teachers, students, and general readers alike. Mr. Ayers sets up specific tests by which you can easily evaluate statements of ideas. You will also learn how to distinguish ideas that cannot be verified by experience – those expressing religious, moral, or aesthetic experience, those expounding theological or metaphysical doctrine, and those dealing with a priori truth.

The basic thesis of this work is that philosophy should not squander its energies upon the unknowable, but should perform its proper function in criticism and analysis.

Principles of SAN Design - Josh Judd 2005-08-30

Storage Area Networks provide highly reliable, high-performance connectivity between hosts and storage devices. This allows storage resource sharing, improving asset utilization, and enabling solutions such as high availability, disaster recovery, information lifecycle management, and utility computing. These solutions provide a high return on investment, resulting in an accelerating SAN adoption rate in all IT markets. This book provides an overview of SAN protocols and technologies, and practical guidance on SAN design, implementation, and management topics. Some future SAN trends and technologies are discussed, but the focus is on designing SANs with current, real-world products such as Fibre Channel switches and routers. *Principles of SAN Design* offers a "one stop shop" for SAN design knowledge. Why wait? Read the definitive work on SAN design today!

SAN Multiprotocol Routing: An Introduction and Implementation - Jon Tate 2006-11-09

This IBM Redbooks publication supersedes both: IBM TotalStorage: Introduction to SAN Routing, SG24-7119-00 Implementing the IBM

TotalStorage Multiprotocol Routers, SG24-7246-00 The rapid spread and adoption of production storage area networks (SANs) has fuelled the need for multiprotocol routers. The routers provide improved scalability, security, and manageability by enabling devices in separate SAN fabrics to communicate without merging fabrics into a single, large SAN fabric. This capability enables clients to initially deploy separate SAN solutions at the departmental and data center levels. Then, clients can consolidate these separate solutions into large enterprise SAN solutions as their experience and requirements grow and change. Alternatively, multiprotocol routers can help to connect existing enterprise SANs for a variety of reasons. For instance, the introduction of Small Computer System Interface over IP (iSCSI) provides for the connection of low-end, low-cost hosts to enterprise SANs. The use of an Internet Protocol (IP) in the Fibre Channel (FC) environment provides for resource consolidation and disaster recovery planning over long distances. And the use of FC-FC routing services provides connectivity between two or more fabrics without having to merge them into a single SAN. This book targets storage network administrators, system designers, architects, and IT professionals who sell, design, or administer SANs. It introduces you to the products, concepts, and technology in the IBM System Storage SAN Routing portfolio. This book shows the features of each product and examples of how you can deploy

and use them.

The Central Intelligence Agency and Overhead Reconnaissance - Gregory Pedlow 2016-03-15

The CIA's 2013 release of its book *The Central Intelligence Agency and Overhead Reconnaissance 1954–1974* is a fascinating and important historical document. It contains a significant amount of newly declassified material with respect to the U-2 and Oxcart programs, including names of pilots; codenames and cryptonyms; locations, funding, and cover arrangements; electronic countermeasures equipment; cooperation with foreign governments; and overflights of the Soviet Union, Cuba, China, and other countries. Originally published with a Secret/No Foreign Dissemination classification, this detailed study describes not only the program's technological and bureaucratic aspects, but also its political and international context, including the difficult choices faced by President Eisenhower in authorizing overflights of the Soviet Union and the controversy surrounding the shoot down there of U-2 pilot Francis Gary Powers in 1960. The authors discuss the origins of the U-2, its top-secret testing, its specially designed high-altitude cameras and complex life-support systems, and even the possible use of poison capsules by its pilots, if captured. They call attention to the crucial importance of the U-2 in the gathering of strategic and tactical intelligence, as well as the

controversies that the program unleashed. Finally, they discuss the CIA's development of a successor to the U-2, the Oxcart, which became the world's most technologically advanced aircraft. For the first time, the more complete 2013 release of this historical text is available in a professionally typeset format, supplemented with higher quality photographs that will bring alive these incredible aircraft and the story of their development and use by the CIA. This edition also includes a new preface by author Gregory W. Pedlow and a foreword by Chris Pocock. Skyhorse Publishing, as well as our Arcade imprint, are proud to publish a broad range of books for readers interested in history--books about World War II, the Third Reich, Hitler and his henchmen, the JFK assassination, conspiracies, the American Civil War, the American Revolution, gladiators, Vikings, ancient Rome, medieval times, the old West, and much more. While not every title we publish becomes a New York Times bestseller or a national bestseller, we are committed to books on subjects that are sometimes overlooked and to authors whose work might not otherwise find a home.

Career Technical Education Framework for California Public Schools - 2007

Serves as a how-to manual for teachers, school and district administrators, curriculum specialists, and school boards in developing standards-based career technical education (CTE) pathways, courses, curricula, and assessments. For use in middle schools, high schools, regional

occupational centers and programs, and adult education programs.

Provides students with rigor and relevance in both academic and CTE knowledge and skills for success in postsecondary education and employment. Students are instructed in responsibility; learn what is required to get and keep a job; receive information about and gain experience in careers of interest so they can make informed choices in education and careers.

Erbium-Doped Fiber Amplifiers - Emmanuel Desurvire 2002-08-08

Praise for Emmanuel Desurvire's Erbium-Doped Fiber Amplifiers:

Principles and Applications "The book is an indispensable reference for researchers, development engineers, and system designers in fiber-optic communications. . . . It will excel as an introductory text in upper-level undergraduate and graduate courses on system applications of fiber optics." -Optik "One of the most comprehensive and detailed accounts of the physics and fundamental principles of erbium-doped fiber amplifiers. . .

. I do not hesitate to recommend the book enthusiastically to anyone having an interest in EDFAs and their applications." -Physics Today

Erbium-doped fiber amplifiers are an important technology for lightwave voice, video, and data transmission. In his previous book, Erbium-Doped Fiber Amplifiers: Principles and Applications, Emmanuel Desurvire offered an important exploration of the then-infant technology of erbium-doped

fiber amplifiers. The passage of the 1996 Telecommunications Act and the growth of the Internet have sparked intense demand for expanded bandwidth in all network layers, resulting in significant advances in EDFA technology. Erbium-Doped Fiber Amplifiers: Device and System Developments brings telecommunications professionals up to date.

Combining the contributions from four international experts in EDFAs, this new volume expands the reader's conceptual understanding of EDFAs and covers the developmental issues of EDFAs that are relevant to modern telecom applications. The authors review: * New aspects in EDFA modeling, including the standard confined-doping, the transcendental-power-equation, and average-inversion-level models * Design concepts for EDFAs in terrestrial and submarine WDM systems * Transmission fiber design and dispersion-management techniques for terabit/s systems * Amplified submarine-cable systems, including a brief history of submarine-cable communications and the investigation of terabit/s system technologies * Advanced concepts in the physics of noise in amplified light, noise figure definitions, entropy, and ultimate capacity limits Delving into fundamental concepts (including a wealth of previously unpublished materials) as well as important breakthroughs, this much-needed resource will place telecom engineers in a position to take advantage of every aspect in the broad potential of EDFAs.

Move Fast and Break Things - Jonathan Taplin 2017-04-18

The book that started the Techlash A stinging polemic that traces the destructive monopolization of the Internet by Google, Facebook and Amazon, and that proposes a new future for musicians, journalists, authors and filmmakers in the digital age. Featured in New York Times' Paperback Row A New York Times Book Review Editors' Choice An Amazon Best Business & Leadership Book of 2017 Longlisted for Financial Times/McKinsey Business Book of the Year 2017 A strategy+business Best Business Book of 2017 Move Fast and Break Things is the riveting account of a small group of libertarian entrepreneurs who in the 1990s began to hijack the original decentralized vision of the Internet, in the process creating three monopoly firms--Facebook, Amazon, and Google--that now determine the future of the music, film, television, publishing and news industries. Jonathan Taplin offers a succinct and powerful history of how online life began to be shaped around the values of the men who founded these companies, including Peter Thiel and Larry Page: overlooking piracy of books, music, and film while hiding behind opaque business practices and subordinating the privacy of individual users in order to create the surveillance-marketing monoculture in which we now live. The enormous profits that have come with this concentration of power tell their own story. Since 2001, newspaper and music revenues have

fallen by 70 percent; book publishing, film, and television profits have also fallen dramatically. Revenues at Google in this same period grew from \$400 million to \$74.5 billion. Today, Google's YouTube controls 60 percent of all streaming-audio business but pay for only 11 percent of the total streaming-audio revenues artists receive. More creative content is being consumed than ever before, but less revenue is flowing to the creators and owners of that content. The stakes here go far beyond the livelihood of any one musician or journalist. As Taplin observes, the fact that more and more Americans receive their news, as well as music and other forms of entertainment, from a small group of companies poses a real threat to democracy. Move Fast and Break Things offers a vital, forward-thinking prescription for how artists can reclaim their audiences using knowledge of the past and a determination to work together. Using his own half-century career as a music and film producer and early pioneer of streaming video online, Taplin offers new ways to think about the design of the World Wide Web and specifically the way we live with the firms that dominate it.

Principles of Infrastructure - Hideo Nakamura 2019-09-24

Infrastructure is a priority around the world for all stakeholders. Infrastructure projects can continue for several years, from planning and construction to the provision of services. As development in Asia and the Pacific accelerates, governments must invest more in infrastructure to

ensure continued economic growth. This book draws on lessons and case studies from Japan and worldwide, covering broad and long-term infrastructure projects. It describes the principles of developing quality infrastructure and focuses on the various steps of a project--from design, planning, and construction to operation and management. It also discusses overseas development assistance, taking examples from Asian Development Bank and World Bank projects. This book is an important reference tool for policy makers in Asia who are planning and implementing large-scale public infrastructure.

Fiber - Susan Crawford 2019-01-08

The world of fiber optic connections reaching neighborhoods, homes, and businesses will represent as great a change from what came before as the advent of electricity. The virtually unlimited amounts of data we'll be able to send and receive through fiber optic connections will enable a degree of virtual presence that will radically transform health care, education, urban administration and services, agriculture, retail sales, and offices. Yet all of those transformations will pale compared with the innovations and new industries that we can't even imagine today. In a fascinating account combining policy expertise and compelling on-the-ground reporting, Susan Crawford reveals how the giant corporations that control cable and internet access in the United States use their tremendous lobbying power to tilt the

playing field against competition, holding back the infrastructure improvements necessary for the country to move forward. And she shows how a few cities and towns are fighting monopoly power to bring the next technological revolution to their communities.

Oracle PL/SQL Programming - Steven Feuerstein 2002

The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

Hindsight, Insight, Foresight: Thinking About Security in the Indo-Pacific - Alexander L. Vuving 2020-09-30

Hindsight, Insight, Foresight is a tour d'horizon of security issues in the Indo-Pacific. Written by 20 current and former members of the faculty at the Daniel K. Inouye Asia-Pacific Center for Security Studies, its 21 chapters provide hindsight, insight, and foresight on numerous aspects of security in the region. This book will help readers to understand the big picture, grasp the changing faces, and comprehend the local dynamics of regional security.

Occupational Noise Exposure - Department of Health and Human Services 2014-02-19

In the Occupational Safety and Health Act of 1970, Congress declared that its purpose was to assure, so far as possible, safe and healthful working conditions for every working man and woman and to preserve our human

resources. In this Act, the National Institute for Occupational Safety and Health (NIOSH) is charged with recommending occupational safety and health standards and describing exposure concentrations that are safe for various periods of employment-including but not limited to concentrations at which no worker will suffer diminished health, functional capacity, or life expectancy as a result of his or her work experience. By means of criteria documents, NIOSH communicates these recommended standards to regulatory agencies (including the Occupational Safety and Health Administration [OSHA]) and to others in the occupational safety and health community. Criteria documents provide the scientific basis for new occupational safety and health standards. These documents generally contain a critical review of the scientific and technical information available on the prevalence of hazards, the existence of safety and health risks, and the adequacy of control methods. In addition to transmitting these documents to the Department of Labor, NIOSH also distributes them to health professionals in academic institutions, industry, organized labor, public interest groups, and other government agencies. In 1972, NIOSH published Criteria for a Recommended Standard: Occupational Exposure to Noise, which provided the basis for a recommended standard to reduce the risk of developing permanent hearing loss as a result of occupational noise exposure [NIOSH 1972]. NIOSH has now evaluated the latest

scientific information and has revised some of its previous recommendations. The 1998 recommendations go beyond attempting to conserve hearing by focusing on preventing occupational noise-induced hearing loss (NIHL). This criteria document reevaluates and reaffirms the recommended exposure limit (REL) for occupational noise exposure established by the National Institute for Occupational Safety and Health (NIOSH) in 1972. The REL is 85 decibels, A-weighted, as an 8-hr time-weighted average (85 dBA as an 8-hr TWA). Exposures at or above this level are hazardous. By incorporating the 4000-Hz audiometric frequency into the definition of hearing impairment in the risk assessment, NIOSH has found an 8% excess risk of developing occupational noise-induced hearing loss (NIHL) during a 40-year lifetime exposure at the 85-dBA REL. NIOSH has also found that scientific evidence supports the use of a 3-dB exchange rate for the calculation of TWA exposures to noise. The recommendations in this document go beyond attempts to conserve hearing by focusing on prevention of occupational NIHL. For workers whose noise exposures equal or exceed 85 dBA, NIOSH recommends a hearing loss prevention program (HLPP) that includes exposure assessment, engineering and administrative controls, proper use of hearing protectors, audiometric evaluation, education and motivation, recordkeeping, and program audits and evaluations. Audiometric

evaluation is an important component of an HLPP. To provide early identification of workers with increasing hearing loss, NIOSH has revised the criterion for significant threshold shift to an increase of 15 dB in the hearing threshold level (HTL) at 500, 1000, 2000, 3000, 4000, or 6000 Hz in either ear, as determined by two consecutive tests. To permit timely intervention and prevent further hearing losses in workers whose HTLs have increased because of occupational noise exposure, NIOSH no longer recommends age correction on individual audiograms.

F&S Index United States Annual - 1998

FTTx Networks - James Farmer 2016-11-18

FTTx Networks: Technology Implementation and Operation provides an in-depth treatment of the technology and implementation of FTTX networks, discusses the environment that gave rise to FTTX, provides a survey of the available FTTX technologies, and gives users the state-of-the-art knowledge needed for successful deployment of FTTX. The book includes hands-on project planning engineering design and operations checklists, as well as recommended best practices for configuring FTTH systems and the data networks preceding them for IPTV, voice, and data, with case studies of actual FTTH systems and a methodology for predicting the performance of real systems. This book is a must-read for all network

engineers, technical businesspeople, and technical specialists engaged in building FTTX networks, from technology selection, to fielding the network in production, to implementation. Compares, contrasts, and explains FTTX technologies Provides hands-on project planning, engineering design, and operations checklists, allowing for a quick climb up the network design, deployment, and implementation learning curves Discusses recommended best practices for configuring FTTH systems and the data networks preceding them, for IPTV, voice, and data Includes case studies of actual FTTH systems and their configurations Covers a methodology for predicting the performance of real systems, particularly in the optical domain

Good Strategy/Bad Strategy - Richard Rumelt 2011-06-09

When Richard Rumelt's Good Strategy/Bad Strategy was published in 2011, it immediately struck a chord, calling out as bad strategy the mish-mash of pop culture, motivational slogans and business buzz speak so often and misleadingly masquerading as the real thing. Since then, his original and pragmatic ideas have won fans around the world and continue to help readers to recognise and avoid the elements of bad strategy and adopt good, action-oriented strategies that honestly acknowledge the challenges being faced and offer straightforward approaches to overcoming them. Strategy should not be equated with ambition,

leadership, vision or planning; rather, it is coherent action backed by an argument. For Rumelt, the heart of good strategy is insight into the hidden power in any situation, and into an appropriate response - whether launching a new product, fighting a war or putting a man on the moon. Drawing on examples of the good and the bad from across all sectors and all ages, he shows how this insight can be cultivated with a wide variety of tools that lead to better thinking and better strategy, strategy that cuts through the hype and gets results.

Big Tech and the Digital Economy - Nicolas Petit 2020-07

This book asks a simple question: are the tech giants monopolies? In the current environment of suspicion towards the major technology companies as a result of concerns about their power and influence, it has become commonplace to talk of Google, Facebook, Amazon, Apple, Microsoft, or Netflix as the modern day version of the 19th century trusts. In turn, the tech giants are vilified for a whole range of monopoly harms towards consumers, workers and even the democratic process. In the US and the EU, antitrust, and regulatory reform is on the way. Using economics, business and management science as well legal reasoning, this book offers a new perspective on big tech. It builds a theory of "mologopoly". The theory advances that the tech giants, or at least some of them, coexist both as monopolies and oligopoly firms that compete against each

other in an environment of substantial uncertainty and economic dynamism. With this, the book assesses ongoing antitrust and regulatory policy efforts. It demonstrates that it is counterproductive to pursue policies that introduce more rivalry in mologopoly markets subject to technological discontinuities. And that non-economic harms like privacy violations, fake news, or hate speech are difficult issues that belong to the realm of regulation, not antimonopoly remediation.

Night Light - Ellen Parry Lewis 2018-12-11

Metal Recycling - 2013

Metal recycling is a complex business that is becoming increasingly difficult! Recycling started long ago, when people realized that it was more resource- and cost-efficient than just throwing away the resources and starting all over again. In this report, we discuss how to increase metal-recycling rates - and thus resource efficiency - from both quantity and quality viewpoints. The discussion is based on data about recycling input, and the technological infrastructure and worldwide economic realities of recycling. Decision-makers set increasingly ambitious targets for recycling, but far too much valuable metal today is lost because of the imperfect collection of end-of-life (EoL) products, improper practices, or structural deficiencies within the recycling chain, which hinder achieving our goals of

high resource efficiency and resource security, and of better recycling rates.

Mergers, Acquisitions, and Other Restructuring Activities - Donald DePamphilis 2011-08-22

Two strengths distinguish this textbook from others. One is its presentation of subjects in the contexts wherein they occur. The other is its use of current events. Other improvements have shortened and simplified chapters, increased the numbers and types of pedagogical supplements, and expanded the international appeal of examples.

Making Choices about Hydrogen - Lynn Krieger Mytelka 2008

Since the mid-1990s, the emergence of a hydrogen economy and the speed with which it will arrive have been vigorously debated. As a disruptive technology, dominant designs for the production, storage and distribution of hydrogen have not yet been established. Neither have performance characteristics been achieved to compete with the existing combustion engine, though the efficiency and durability of hydrogen fuel cells are improving. This publication highlights the uncertainties involved in making choices about hydrogen and fuel cells in planning the development policies on national energy, environment and transport sector.--Publisher's description.

Pollution Prevention and Abatement Handbook, 1998 - 1999

"Originally developed to help staff, clients, and consultants prepare and implement operations supported by the Bank Group, this Handbook updates and replaces the Environmental Guidelines issued in 1988 and reflects changes both in technology and in pollution management policies and practices. It focuses attention on the environmental and economic benefits of preventing pollution and emphasizes cleaner production and good management techniques."--BOOK JACKET.

5G Radio Access Network Architecture - Sasha Sirotkin 2020-11-13

Written by an industry insider with state of the art research at their fingertips, this book describes the Radio Access Network (RAN) architecture, starting with currently deployed 4G, followed by the description of 5G requirements and why re-thinking of the RAN architecture is needed to support these. Based on these considerations, it explains how 5G network architecture, which is currently being defined, is likely to evolve. The aim is not merely to cover relevant standards and technologies as a purely academic exercise (although a significant part of the book will be dedicated to these), but to augment these by practical deployment, to illustrate why the RAN architecture is changing and where it is going. With 5G deployments on the horizon, there is a desire within companies to both re-think the RAN architecture and to change the proprietary nature of the RAN. Correspondingly, there is increased interest

in academia, standards bodies and commercial entities involved in the area.

Johnny Cash and the Great American Contradiction: Christianity and the Battle for the Soul of a Nation - Rodney Clapp