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hand-held models, cockpit mounts, and much more. Features new firsthand general aviation
pilotreports on using GPS. This book extends the scientific bestseller "GPS - Theory and
Practice" to cover Global Navigation Satellite Systems (GNSS) and includes the Russian
GLONASS, the European system Galileo, and additional systems. The book refers to GNSS
in the generic sense to describe the various existing reference systems for coordinates and
time, the satellite orbits, the satellite signals, observables, mathematical models for
positioning, data processing, and data transformation. This book is a university-level
introductory textbook and is intended to serve as a reference for students as well as for
professionals and scientists in the fields of geodesy, surveying engineering, navigation, and
related disciplines. Since the last edition of this international bestseller, GPS has grown to
become part of a larger international context, the Global Navigation Satellite System
(GNSS). Both GPS and GNSS technologies are becoming ever more important in the
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book written by a land s The Charles F. Stanley Life Principles Bible, with over a million sold to date, is designed to lead believers into a life-changing relationship with Jesus Christ, and to help them experience the Good News about God's mighty kindness and love. The updated second edition is the best way to experience this bestselling classic—with a completely new design featuring our easy-to-read Comfort Print typeface, 100 specially designed maps and charts that bring Biblical places and themes to life, and over 43,000 cross references to enrich your study of the Word. Features include: 30 Life Principles articles highlight Dr. Stanley's essentials for Christian living More than 2,500 Life Lessons verse notes bring to life the practical and personal nature of God's Word to us A listing of over 300 verses revealing God's promises throughout the Bible that encourage, strengthen, and bring hope Answers to Life's Questions and What the Bible Says About articles bring scriptural insight to bear on topics of special importance to every believer Topical indexes give immediate access to hundreds of life-giving principles and promises throughout the Old and New Testaments Book introductions provide an overview of the themes and literary structure of each book and alert readers to important principles they'll encounter as they read New for the 2nd Edition, 100 maps and charts that help important Biblical places and themes come alive and over 43,000 cross references to enrich your study For many years Lake Garda has been considered Europe's number 1 mountain biking place. For the first time, this roadbook also presents route suggestions for the south eastern Lake Garda region -the area around Garda, Prada and Torri del Benaco. Monte Baldo's southern foothills offer countless hidden lanes and trails of all kinds just waiting to be discovered. In this book the renowned transalper Andreas Albrecht shares over 50 of his best tours in his favourite biking area. The route descriptions make you want to climb on your bike and ride them, especially as the risk of loosing your way has been removed - GPS data is provided for every tour. The GPS Signal - Biases and Solutions - The Framework - Receivers and Methods - Coordinates - Planning a Survey - Observing - Postprocessing - RTK and DGPS. This best-selling text is written for those who use, rather than develop statistical methods. Dr. Stevens focuses on a conceptual understanding of the material rather than on proving results. Helpful narrative and numerous examples enhance understanding and a chapter on matrix algebra serves as a review. Annotated printouts from SPSS and SAS indicate what the numbers mean and encourage interpretation of the results. In addition to demonstrating how to use these packages, the author stresses the importance of checking the data, assessing the assumptions, and ensuring adequate sample size by providing guidelines so that the results can be generalized. The book is noted for its extensive applied coverage of MANOVA, its emphasis on statistical power, and numerous exercises including answers to half. The new edition features: New chapters on Hierarchical Linear Modeling (Ch. 15) and Structural Equation Modeling (Ch. 16) New exercises that feature recent journal articles to demonstrate the actual use of multiple regression (Ch. 3), MANOVA (Ch. 5), and repeated measures (Ch. 13) A new appendix on the analysis of correlated observations (Ch. 6) Expanded discussions on obtaining non-orthogonal contrasts in repeated measures designs with SPSS and how to make the identification of cell ID easier in log linear analysis in 4 or 5 way designs Updated versions of SPSS (15.0) and SAS (8.0) are used throughout the text and introduced in chapter 1 A book website with data sets and more. Ideal for courses on multivariate statistics found in psychology, education, sociology, and business departments,

the book also appeals to practicing researchers with little or no training in multivariate methods. Prerequisites include a course on factorial ANOVA and covariance. Working knowledge of matrix algebra is not assumed. Vinyl Compounds—Advances in Research and Application: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about ZZZAdditional Research in a concise format. The editors have built Vinyl Compounds—Advances in Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about ZZZAdditional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Vinyl Compounds—Advances in Research and Application: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Napoleon Hill's life changing philosophy of success, originally published in 1937, has sold millions of copies and changed just as many lives. His simple, revolutionary "13 Steps to Riches" form a philosophy of empowerment that will allow you to seize the life you want and achieve the success you've dreamed of. Think and Grow Rich has been credited with helping to inspire more people to become millionaires and billionaires than any other book in history. And now, in this new edition, it will bring the timeless message to the next generation. With the stunning, modern package, this unique edition features not only the original and complete 1937 text, but also includes two exciting pieces from Napoleon Hill—"Let Ambition Be Your Master" and "What I Learned from Analyzing Ten Thousand People"—that are only available here. Important, practical, and transformative, Think and Grow Rich's wisdom will empower today's readers to create tomorrow's successes!

Other Books in the GPS Guides to Life Series: As a Man Thinketh by James Allen The Power of Your Subconscious Mind by Dr. Joseph Murphy This book guides animal ecologists, biologists and wildlife and data managers through a step-by-step procedure to build their own advanced software platforms to manage and process wildlife tracking data. This unique, problem-solving-oriented guide focuses on how to extract the most from GPS animal tracking data, while preventing error propagation and optimizing analysis performance. Based on the open source PostgreSQL/PostGIS spatial database, the software platform will allow researchers and managers to integrate and harmonize GPS tracking data together with animal characteristics, environmental data sets, including remote sensing image time series, and other bio-logged data, such as acceleration data. Moreover, the book shows how the powerful R statistical environment can be integrated into the software platform, either connecting the database with R, or embedding the same tools in the database through the PostgreSQL extension Pl/R. The client/server architecture allows users to remotely connect a number of software applications that can be used as a database front end, including GIS software and WebGIS. Each chapter offers a real-world data management and processing problem that is discussed in its biological context; solutions are proposed and exemplified through ad hoc SQL code, progressively exploring the potential of spatial database functions applied to the respective wildlife tracking case. Finally, wildlife tracking

management issues are discussed in the increasingly widespread framework of collaborative science and data sharing. GPS animal telemetry data from a real study, freely available online, are used to demonstrate the proposed examples. This book is also suitable for undergraduate and graduate students, if accompanied by the basics of databases.

Diuretics—Advances in Research and Application: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Potassium-sparing Diuretics in a concise format. The editors have built Diuretics—Advances in Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Potassium-sparing Diuretics in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Diuretics—Advances in Research and Application: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>. This thoroughly revised edition of the Artech House bestseller, Introduction to GPS: The Global Position System offers professionals and students an up-to-date, easy-to-understand treatment of this tremendously important technology. The second edition includes a wealth of brand new material, including a chapter on GPS satellite orbit and new coverage of today's hottest issues, such as precise point positioning and location based services. Without bogging readers down with advanced mathematics, the book addresses all aspects of the GPS, emphasizes GPS applications, examines the GPS signal structure, and covers the key types of measurement being utilized in the field today. Accompanying CD-ROM contains a number of GPS data sets from several sites. A set of homework problems requires the student to write simple MATLAB code to analyze these data. Employ the latest satellite positioning tech with this extensive guide GPS Satellite Surveying is the classic text on the subject, providing the most comprehensive coverage of global navigation satellite systems applications for surveying. Fully updated and expanded to reflect the field's latest developments, this new edition contains new information on GNSS antennas, Precise Point Positioning, Real-time Relative Positioning, Lattice Reduction, and much more. New contributors offer additional insight that greatly expands the book's reach, providing readers with complete, in-depth coverage of geodetic surveying using satellite technologies. The newest, most cutting-edge tools, technologies, and applications are explored in-depth to help readers stay up to date on best practices and preferred methods, giving them the understanding they need to consistently produce more reliable measurement. Global navigation satellite systems have an array of uses in military, civilian, and commercial applications. In surveying, GNSS receivers are used to position survey markers, buildings, and road construction as accurately as possible with less room for human error. GPS Satellite Surveying provides complete guidance toward the practical aspects of the field, helping readers to: Get up to speed on the latest GPS/GNSS developments Understand how satellite technology is applied to surveying Examine in-depth information on adjustments and geodesy Learn the fundamentals of positioning, lattice adjustment, antennas, and more The surveying field has seen quite an

evolution of technology in the decade since the last edition's publication. This new edition covers it all, bringing the reader deep inside the latest tools and techniques being used on the job. Surveyors, engineers, geologists, and anyone looking to employ satellite positioning will find GPS Satellite Surveying to be of significant assistance. Need directions? Are you good at getting lost? Then GPS is just the technology you've dreamed of, and GPS For Dummies is what you need to help you make the most of it. If you have a GPS unit or plan to buy one, GPS For Dummies, 2nd Edition helps you compare GPS technologies, units, and uses. You'll find out how to create and use digital maps and learn about waypoints, tracks, coordinate systems, and other key points to using GPS technology. Get more from your GPS device by learning to use Web-hosted mapping services and even how to turn your cell phone or PDA into a GPS receiver. You'll also discover: Up-to-date information on the capabilities of popular handheld and automotive Global Positioning Systems How to read a map and how to get more from the free maps available online The capabilities and limitations of GPS technology, and how satellites and radio systems make GPS work How to interface your GPS receiver with your computer and what digital mapping software can offer Why a cell phone with GPS capability isn't the same as a GPS unit What can affect your GPS reading and how accurate it will be How to use Street Atlas USA, TopoFusion, Google Earth, and other tools Fun things to do with GPS, such as exploring topographical maps, aerial imagery, and the sport of geocaching Most GPS receivers do much more than their owners realize. With GPS For Dummies, 2nd Edition in hand, you'll venture forth with confidence!

Tropospheric and Ionospheric Effects on Global Navigation Satellite Systems Explore atmospheric effects on radio frequency propagation in the context of Global Navigation Satellite System communication In **Tropospheric and Ionospheric Effects on Global Navigation Satellite Systems**, a team of distinguished researchers deliver an accessible and authoritative introduction to all scientifically relevant effects caused by the ionosphere and troposphere on GNSS RF signals. The book explores the origin of each type of propagation effect and explains it from a fundamental physical perspective. Each of the major methods used for the measurement, prediction, and mitigation of ionospheric and tropospheric effects on GNSS are discussed in detail. The authors also provide the mechanisms that drive ionization and plasma transport in the ionosphere, propagation phenomena (including scattering, absorption, and scintillations), and the predominant predictive models used to predict ionospheric propagation effects. With an emphasis on global navigation satellite systems, the book discusses the US Standard Atmosphere, a general reference model for characteristics of the ionized atmosphere. It also considers: Thorough introductions to the Global Positioning System and the principles of GNSS positioning Comprehensive explorations of tropospheric propagation and predictive models of the troposphere Practical discussions of the physics of the ionosphere, experimental observation of the ionosphere, and ionospheric propagation In-depth examinations of predictive models of the ionosphere, including group delay models for single-frequency GNSS receivers Ideal for engineers and research scientists with a professional or personal interest in geophysics, RF propagation, and GNSS and GPS applications, **Tropospheric and Ionospheric Effects on Global Navigation Satellite Systems** will also earn a place in the libraries of undergraduate and graduate students studying RF propagation or GNSS. CSA Revision Notes for the MRCGP is the ideal book to help you to

revise and prepare for the CSA part of the MRCGP exam. The latest edition features new material on: Constipation in adults Cough Dupuytren's contracture Eating disorders Frailty assessment Gender dysphoria Gout Inguinal hernia Prediabetes Starting HRT Varicose veins Visual loss A standardised format is used throughout to help you to improve your: data gathering – a broad range of appropriate questions to ask the patient are provided and red flags are highlighted where appropriate interpersonal skills – each clinical problem is described using terms that you can use in your explanations to patients clinical management – tells you which examinations to consider, which investigations to order, and how to manage each clinical problem based on the latest guidelines and current best practice consultations – to help you practise, every clinical case features a realistic role play scenario. Employ the latest satellite positioning tech with this extensive guide GPS Satellite Surveying is the classic text on the subject, providing the most comprehensive coverage of global navigation satellite systems applications for surveying. Fully updated and expanded to reflect the field's latest developments, this new edition contains new information on GNSS antennas, Precise Point Positioning, Real-time Relative Positioning, Lattice Reduction, and much more. New contributors offer additional insight that greatly expands the book's reach, providing readers with complete, in-depth coverage of geodetic surveying using satellite technologies. The newest, most cutting-edge tools, technologies, and applications are explored in-depth to help readers stay up to date on best practices and preferred methods, giving them the understanding they need to consistently produce more reliable measurement. Global navigation satellite systems have an array of uses in military, civilian, and commercial applications. In surveying, GNSS receivers are used to position survey markers, buildings, and road construction as accurately as possible with less room for human error. GPS Satellite Surveying provides complete guidance toward the practical aspects of the field, helping readers to: Get up to speed on the latest GPS/GNSS developments Understand how satellite technology is applied to surveying Examine in-depth information on adjustments and geodesy Learn the fundamentals of positioning, lattice adjustment, antennas, and more The surveying field has seen quite an evolution of technology in the decade since the last edition's publication. This new edition covers it all, bringing the reader deep inside the latest tools and techniques being used on the job. Surveyors, engineers, geologists, and anyone looking to employ satellite positioning will find GPS Satellite Surveying to be of significant assistance. Issues in Family Medicine Research and Practice: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Internal Medicine. The editors have built Issues in Family Medicine Research and Practice: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Internal Medicine in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Family Medicine Research and Practice: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>. This thoroughly updated and expanded second edition

is an authoritative resource on industrial measurement systems and sensors, with particular attention given to temperature, stress, pressure, acceleration, and liquid flow sensors. This edition includes new and expanded chapters on wireless measuring systems and measurement control and diagnostics systems in cars. Moreover, the book introduces new, cost-effective measurement technology utilizing www servers and LAN computer networks - a topic not covered in any other resource. Coverage of updated wireless measurement systems and wireless GSM/LTE interfacing make this book unique, providing in-depth, practical knowledge. Professionals learn how to connect an instrument to a computer or tablet while reducing the time for collecting and processing measurement data. This hands-on reference presents digital temperature sensors, demonstrating how to design a monitoring system with multipoint measurements. From computer-based measuring systems, electrical thermometers and pressure sensors, to conditioners, crate measuring systems, and virtual instruments, this comprehensive title offers engineers the details they need for their work in the field. * GPS chapter completely updated to reflect newer models and features of GPS receivers now available * Expanded to include a section on routefinding on glaciers, along with additional information on changing declination * Extensive illustrated examples of orientation and wilderness navigation Proceed with confidence when heading off-road or off-trail with the second edition of Wilderness Navigation. Whether you are climbing a glacier, orienteering in the backcountry, or on an easy day hike, Mike and Bob Burns cover all the latest technology and time-tested methods to help you learn to navigate—from how to read a map to compasses and geomagnetism. Bob Burns is a long-time member of The Mountaineers. He has taught classes in the use of map and compass since the late 1970s. Mike Burns is an avid climber. He has instructed climbing and navigation classes, and written articles for Climbing magazine. Part of the The Mountaineers Outdoor Basics series! Created for beginning-to-intermediate enthusiasts, this series includes everything anyone would need to know about staying safe and having fun in the backcountry. GPS Declassified examines the development of GPS from its secret, Cold War military roots to its emergence as a worldwide consumer industry. Drawing on previously unexplored documents, the authors examine how military rivalries influenced the creation of GPS and shaped public perceptions about its origin. Since the United States' first program to launch a satellite in the late 1950s, the nation has pursued dual paths into space—one military and secret, the other scientific and public. Among the many commercial spinoffs this approach has produced, GPS arguably boasts the greatest impact on our daily lives. Told by the son of a navy insider—whose work helped lay the foundations for the system—and a science and technology journalist, the story chronicles the research and technological advances required for the development of GPS. The authors peek behind the scenes at pivotal events in GPS history. They note how the technology moved from the laboratory to the battlefield to the dashboard and the smartphone, and they raise the specter of how this technology and its surrounding industry affect public policy. Insights into how the system works and how it fits into a long history of advances in navigation tie into discussions of the myriad applications for GPS. This book explore the use of new technologies in the area of satellite navigation receivers. In order to construct a reconfigurable receiver with a wide range of applications, the authors discuss receiver architecture based on software-defined radio techniques. The presentation unfolds in a user-friendly style and goes from the basics to

cutting-edge research. The book is aimed at applied mathematicians, electrical engineers, geodesists, and graduate students. It may be used as a textbook in various GPS technology and signal processing courses, or as a self-study reference for anyone working with satellite navigation receivers. This book is a compilation of peer-reviewed papers from the 2018 Asia-Pacific International Symposium on Aerospace Technology (APISAT 2018). The symposium is a common endeavour between the four national aerospace societies in China, Australia, Korea and Japan, namely, the Chinese Society of Aeronautics and Astronautics (CSAA), Royal Aeronautical Society Australian Division (RAeS Australian Division), the Korean Society for Aeronautical and Space Sciences (KSAS) and the Japan Society for Aeronautical and Space Sciences (JSASS). APISAT is an annual event initiated in 2009 to provide an opportunity for researchers and engineers from Asia-Pacific countries to discuss current and future advanced topics in aeronautical and space engineering. Appendix B: Stability Measures for Frequency Sources 665 Appendix C: Free-Space Propagation Loss 669; About the Authors 675; Index 683; Mobile Communications Library. The most complete, easy-to-use GPS book available written by an acclaimed GPS instructor and aimed at outdoor adventurers of all kinds, covering the fundamentals of navigation and the latest in GPS receivers and technology, including GPS-enabled phones. Employ the latest satellite positioning tech with this extensive guide GPS Satellite Surveying is the classic text on the subject, providing the most comprehensive coverage of global navigation satellite systems applications for surveying. Fully updated and expanded to reflect the field's latest developments, this new edition contains new information on GNSS antennas, Precise Point Positioning, Real-time Relative Positioning, Lattice Reduction, and much more. New contributors offer additional insight that greatly expands the book's reach, providing readers with complete, in-depth coverage of geodetic surveying using satellite technologies. The newest, most cutting-edge tools, technologies, and applications are explored in-depth to help readers stay up to date on best practices and preferred methods, giving them the understanding they need to consistently produce more reliable measurement. Global navigation satellite systems have an array of uses in military, civilian, and commercial applications. In surveying, GNSS receivers are used to position survey markers, buildings, and road construction as accurately as possible with less room for human error. GPS Satellite Surveying provides complete guidance toward the practical aspects of the field, helping readers to: Get up to speed on the latest GPS/GNSS developments Understand how satellite technology is applied to surveying Examine in-depth information on adjustments and geodesy Learn the fundamentals of positioning, lattice adjustment, antennas, and more The surveying field has seen quite an evolution of technology in the decade since the last edition's publication. This new edition covers it all, bringing the reader deep inside the latest tools and techniques being used on the job. Surveyors, engineers, geologists, and anyone looking to employ satellite positioning will find GPS Satellite Surveying to be of significant assistance. Now available in ePub format. So many apps and so little time. How do you get to the best with a minimum of fuss? The Rough Guide to the Best iPhone and iPad Apps solves the problem. It pinpoints the 500 best free and paid-for applications in all major categories. Whether its navigation or news, photography or productivity, games or utilities, this book highlights the best running on iPhone or iPad (or both!) from the marquee names to the hidden gems. Preliminary Contents: Introduction Managing Apps Books Business

Children Education Entertainment Finance Games Health and Fitness Lifestyle Medical Music Navigation News and Newstand Photo and Video Productivity Reference Social Networking Sports Travel Utilities Weather Index

The story of the rise of modern navigation technology, from radio location to GPS—and the consequent decline of privacy. What does it mean to never get lost? *You Are Here* examines the rise of our technologically aided era of navigational omniscience—or how we came to know exactly where we are at all times. In a sweeping history of the development of location technology in the past century, Bray shows how radio signals created to carry telegraph messages were transformed into invisible beacons to guide ships and how a set of rapidly-spinning wheels steered submarines beneath the polar icecap. But while most of these technologies were developed for and by the military, they are now ubiquitous in our everyday lives. Our phones are now smart enough to pinpoint our presence to within a few feet—and nosy enough to share that information with governments and corporations. Filled with tales of scientists and astronauts, inventors and entrepreneurs, *You Are Here* tells the story of how humankind ingeniously solved one of its oldest and toughest problems—only to herald a new era in which it's impossible to hide. This essential guide for GPs distils years of knowledge, experience, and key evidence into 25 easy-to-read chapters, each one covering a different speciality. Every consultant has pearls of wisdom they wish they could share with GPs: knowledge they have acquired from years of experience and evidence-based study, which could lead to better patient care and more efficient use of resources. *Instant Wisdom for GPs* gathers these pearls together, presenting ten bullet-point gems from each speciality, together with advice on overlooked or obscure diagnoses, guidance on how to distinguish tricky differentials, and tips on prescribing. Each of these 25 chapters is written by an expert with lengthy experience in his or her field: Cardiology Ophthalmology Gynaecology ENT Renal General Practice Orthopaedic Haematology Psychiatry Neurology Diabetes Urology Functional Symptoms Respiratory General Surgery Oncology Thyroid Disease Paediatrics Sexual Health Rheumatology Care of the Elderly Dermatology Palliative Care Allergy Gastroenterology

From the author of the critically acclaimed *Symptom Sorter*. If you're looking for an up-to-date, easy-to-understand treatment of the GPS (Global Positioning System), this one-of-a-kind resource offers you the knowledge you need for your work, without bogging you down with advanced mathematics. It addresses all aspects of the GPS, emphasizes GPS applications, examines the GPS signal structure, and covers the key types of measurement being utilized in the field today. This thoroughly updated third edition of an Artech House bestseller brings together a team of leading experts providing a current and comprehensive treatment of global navigation satellite systems (GNSS) that readers won't find in other resources. Packed with brand new material, this third edition includes new chapters on the system engineering details of GPS, European Galileo system, Chinese Beidou systems, GLONASS, and regional systems, such as Quasi-Zenith Satellite System (QZSS) and Navigation with Indian Constellation (NavIC). Readers also find new coverage of GNSS receivers, disruptions, errors, stand-alone GNSS performance, differential and precise point positioning. This single-source reference provides both a quick overview of GNSS essentials and an in-depth treatment of advanced topics and explores all the latest advances in technology, applications, and systems. Readers are guided in the development of new applications and on how to evaluate their performance. It explains all the differential

GNSS services available to help decide which is best for a particular application. The book discusses the integration of GNSS with other sensors and network assistance. Readers learn how to build GNSS receivers and integrate them into navigational and communications equipment. Moreover, this unique volume helps determine how technology is affecting the marketplace and where best to invest in a company's resources.

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