

Filetype Starcraft 2 Mastery Guide

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Hanging Out, Messing Around, and Geeking Out Mizuko Ito 2009-10-30 An examination of young people's everyday new media practices—including video-game playing, text-messaging, digital media production, and social media use. Conventional wisdom about young people's use of digital technology often equates generational identity with technology identity: today's teens seem constantly plugged in to video games, social networking sites, and text messaging. Yet there is little actual research that investigates the intricate dynamics of youths' social and recreational use of digital media. Hanging Out, Messing Around, and Geeking Out fills this gap, reporting on an ambitious three-year ethnographic investigation into how young people are living and learning with new media in varied settings—at home, in after-school programs, and in online spaces. Integrating twenty-three case studies—which include Harry Potter podcasting, video-game playing, music sharing, and online romantic breakups—in a unique collaborative authorship style, Hanging Out, Messing Around, and Geeking Out is distinctive for its combination of in-depth description of specific group dynamics with conceptual analysis.

The Content Trap Bharat Anand 2016-10-18 “My favorite book of the year.”—Doug McMillon, CEO, Wal-Mart Stores Harvard Business School Professor of Strategy Bharat Anand presents an incisive new approach to digital transformation that favors fostering connectivity over focusing exclusively on content. NAMED ONE OF THE BEST BOOKS OF THE YEAR BY BLOOMBERG Companies everywhere face two major challenges today: getting noticed and getting paid. To confront these obstacles, Bharat Anand examines a range of businesses around the world, from The New York Times to The Economist, from Chinese Internet giant Tencent to Scandinavian digital trailblazer Schibsted, and from talent management to the future of education. Drawing on these stories and on the latest research in economics, strategy, and marketing, this refreshingly engaging book reveals important lessons, smashes celebrated myths, and reorients strategy. Success for flourishing companies comes not from making the best content but from recognizing how content enables customers' connectivity; it comes not from protecting the value of content at all costs but from unearthing related opportunities close by; and it comes not from mimicking competitors' best practices but from seeing choices as part of a connected whole. Digital change means that everyone today can reach and interact with others directly: We are all in the content business. But that comes with risks that Bharat Anand teaches us how to recognize and navigate. Filled with conversations with key players and in-depth dispatches from the front lines of digital change, The Content Trap is an essential new playbook for navigating the turbulent waters in which we find ourselves. Praise for The Content Trap “A masterful and thought-provoking book that has reshaped my understanding of content in the digital landscape.”—Ariel Emanuel, co-CEO, WME | IMG “The Content Trap is a book filled with stories of businesses, from music companies to magazine publishers, that missed connections and could never escape the narrow views that had brought them past success. But it is also filled with stories of those who made strategic choices to strengthen the links between content and returns in their new master plans. . . . The book is a call to clear thinking and reassessing why things are the way they are.”—The Wall Street Journal

Designing Games Tynan Sylvester 2013-01-03 Ready to give your design skills a real boost? This eye-opening book helps you explore the design structure behind most of today's hit video games. You'll learn principles and practices for crafting games that generate emotionally charged experiences—a combination of elegant game mechanics, compelling fiction, and pace that fully immerses players. In clear and approachable prose, design pro Tynan Sylvester also looks at the day-to-day process necessary to keep your project on track, including how to work with a team, and how to avoid creative dead ends. Packed with examples, this book will change your perception of game design. Create game mechanics to trigger a range of emotions and provide a variety of play Explore several options for combining narrative with

interactivity Build interactions that let multiplayer gamers get into each other's heads Motivate players through rewards that align with the rest of the game Establish a metaphor vocabulary to help players learn which design aspects are game mechanics Plan, test, and analyze your design through iteration rather than deciding everything up front Learn how your game's market positioning will affect your design

The English Language Gerald P. Delahunty 2010-05-14 Grounded in linguistic research and argumentation, *THE ENGLISH LANGUAGE: FROM SOUND TO SE01* General/tradeE offers readers who have little or no analytic understanding of English a thorough treatment of the various components of the language. Its goal is to help readers become independent language analysts capable of critically evaluating claims about the language and the people who use it.

Getting Started with Couchbase Server M. C. Brown 2012 Do you know what to do if your web application goes viral and usage suddenly explodes? This concise guide introduces you to Couchbase Server, an extremely fast NoSQL database that automatically distributes data across a cluster of commodity servers or virtual machines. You'll learn hands-on how to build a Couchbase cluster without changing your application, and how to expand your database on the fly without interrupting service. Discover how this open source server can help your application gain scalability and performance. Learn how the server's architecture affects the way you build and deploy your database Store data without defining a data structure—and retrieve it without complex queries or query languages Use a formula to estimate your cluster size requirements Set up individual nodes through a browser, command line, or REST API Enable your application to read and write data with sub-millisecond latency through managed object caching Get a quick guide to building applications that integrate Couchbase's core protocol Identify problems in your cluster with the web console Expand or shrink your cluster, handle failovers, and back up data

Actionable Gamification Yu-kai Chou 2019-12-03 Learn all about implementing a good gamification design into your products, workplace, and lifestyle Key Features Explore what makes a game fun and engaging Gain insight into the Octalysis Framework and its applications Discover the potential of the Core Drives of gamification through real-world scenarios Book Description Effective gamification is a combination of game design, game dynamics, user experience, and ROI-driving business implementations. This book explores the interplay between these disciplines and captures the core principles that contribute to a good gamification design. The book starts with an overview of the Octalysis Framework and the 8 Core Drives that can be used to build strategies around the various systems that make games engaging. As the book progresses, each chapter delves deep into a Core Drive, explaining its design and how it should be used. Finally, to apply all the concepts and techniques that you learn throughout, the book contains a brief showcase of using the Octalysis Framework to design a project experience from scratch. After reading this book, you'll have the knowledge and skills to enable the widespread adoption of good gamification and human-focused design in all types of industries. What you will learn Discover ways to use gamification techniques in real-world situations Design fun, engaging, and rewarding experiences with Octalysis Understand what gamification means and how to categorize it Leverage the power of different Core Drives in your applications Explore how Left Brain and Right Brain Core Drives differ in motivation and design methodologies Examine the fascinating intricacies of White Hat and Black Hat Core Drives Who this book is for Anyone who wants to implement gamification principles and techniques into their products, workplace, and lifestyle will find this book useful.

The Grace Walk Experience Steve McVey 2008-03-01 For years, Steve McVey's *Grace Walk* (more than 200,000 copies sold) has inspired Christians to leave behind a performance and fear-based faith to embrace a faith lived in abundance and grace. Now *The Grace Walk Experience* workbook helps readers move that message of hope from their heads to their hearts as they explore eight truths that have changed lives worldwide daily, interactive studies that reveal grace as much more than a doctrine ways to quit "doing" for God so that He can live through them illustrations of the wonder and miracle of faith as God intended God's Word, salvation, and evangelism with new perspective This excellent tool for church classes, small group discussion, and individual study will lead believers to understand their identity in Christ, let go of legalism, and make room for the overflowing love, mercy, and purpose of life lived wholly in God's grace.

The Ultimate Guide to Video Game Writing and Design Flint Dille 2007 Two leading game designers take readers step by step through the entire process of creating a video game, from developing a story and integrating it into a game, to writing the game script, creating the design document, working with intellectual property rights and licensing, and selling an idea to developers and publishers. Original.

National Parks Ian Shive 2011-03-01 An oversized photographic tribute to national parks considers their reflection of both the natural world and the American spirit, in a lavishly illustrated survey that offers insight into the diversity of such subjects as the Appalachian Trail, Mount McKinley, and Alaska's Denali.

Game Testing Charles P. Schultz 2016-09-15 An updated version of the bestselling *Game Testing All In One, Second Edition*, this book equips the reader with the rationale for vigorous testing of game software, how game testing and the tester fit into the game development process, practical knowledge of tools to apply to game testing, game tester roles and responsibilities, and the measurements to determine game quality and testing progress. The reader is taken step-by-step through test design and other QA methods, using real game situations. The book includes content for the latest console games and the new crop of touch, mobile, and social games

that have recently emerged. A companion DVD contains the tools used for the examples in the book and additional resources such as test table templates and generic flow diagrams to get started quickly with any game test project. Each chapter includes questions and exercises, making the book suitable for classroom use as well as a personal study or reference tool. Features: * Uses a wide range of game titles and genres, including newer gaming experiences such as social networking games, games utilizing music and motion controllers, and touch games on mobile devices * Includes a new chapter on Exploratory Testing * Includes test methodology tutorials based on actual games with tools that readers can use for personal or professional development * Demonstrates methods and tools for tracking and managing game testing progress and game quality * Features a companion DVD with templates, resources, and projects from the book On the DVD: * Contains the tools used for the examples in the book as well as additional resources such as test table templates and generic flow diagrams that can be used for individual or group projects * All images from the text (including 4-color screenshots) * FIFA video from a project in the book eBook Customers: Companion files are available for downloading with order number/proof of purchase by writing to the publisher at info@merclearning.com.

Star Wars: Thrawn Timothy Zahn 2017-04-06 In this definitive novel, readers will follow Thrawn's rise to power—uncovering the events that created one of the most iconic villains in Star Wars history.

Reality Is Broken Jane McGonigal 2011-01-20 “McGonigal is a clear, methodical writer, and her ideas are well argued. Assertions are backed by countless psychological studies.” —The Boston Globe “Powerful and provocative . . . McGonigal makes a persuasive case that games have a lot to teach us about how to make our lives, and the world, better.” —San Jose Mercury News “Jane McGonigal's insights have the elegant, compact, deadly simplicity of plutonium, and the same explosive force.” —Cory Doctorow, author of Little Brother A visionary game designer reveals how we can harness the power of games to boost global happiness. With 174 million gamers in the United States alone, we now live in a world where every generation will be a gamer generation. But why, Jane McGonigal asks, should games be used for escapist entertainment alone? In this groundbreaking book, she shows how we can leverage the power of games to fix what is wrong with the real world—from social problems like depression and obesity to global issues like poverty and climate change—and introduces us to cutting-edge games that are already changing the business, education, and nonprofit worlds. Written for gamers and non-gamers alike, Reality Is Broken shows that the future will belong to those who can understand, design, and play games. Jane McGonigal is also the author of SuperBetter: A Revolutionary Approach to Getting Stronger, Happier, Braver and More Resilient.

Better Game Characters by Design Katherine Isbister 2018-04-30 Games are poised for a major evolution, driven by growth in technical sophistication and audience reach. Characters that create powerful social and emotional connections with players throughout the game-play itself (not just in cut scenes) will be essential to next-generation games. However, the principles of sophisticated character design and interaction are not widely understood within the game development community. Further complicating the situation are powerful gender and cultural issues that can influence perception of characters. Katherine Isbister has spent the last 10 years examining what makes interactions with computer characters useful and engaging to different audiences. This work has revealed that the key to good design is leveraging player psychology: understanding what's memorable, exciting, and useful to a person about real-life social interactions, and applying those insights to character design. Game designers who create great characters often make use of these psychological principles without realizing it. Better Game Characters by Design gives game design professionals and other interactive media designers a framework for understanding how social roles and perceptions affect players' reactions to characters, helping produce stronger designs and better results.

Twelve Years a Slave Solomon Northup 2021-01-01 "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Game Architecture and Design Andrew Rollings 2004 A guide to computer game design, architecture, and management explores the application of design principles, shares the experiences of game programmers, and offers an overview of game development software.

AI and Machine Learning for Coders Laurence Moroney 2020-10-01 If you're looking to make a career move from programmer to AI specialist, this is the ideal place to start. Based on Laurence Moroney's extremely successful AI courses, this introductory book provides a hands-on, code-first approach to help you build confidence while you learn key topics. You'll understand how to implement the most common scenarios in machine learning, such as computer vision, natural language processing (NLP), and sequence modeling for web, mobile, cloud, and embedded runtimes. Most books on machine learning begin with a daunting amount of advanced math. This guide is built on practical lessons that let you work directly with the code. You'll learn: How to build models with TensorFlow using skills that employers desire The basics of machine learning by working with code samples How to implement computer vision, including feature detection in images How to use NLP to tokenize and sequence

words and sentences Methods for embedding models in Android and iOS How to serve models over the web and in the cloud with TensorFlow Serving Challenges for Game Designers Brenda Brathwaite 2009 Welcome to a book written to challenge you, improve your brainstorming abilities, and sharpen your game design skills! Challenges for Game Designers: Non-Digital Exercises for Video Game Designers is filled with enjoyable, interesting, and challenging exercises to help you become a better video game designer, whether you are a professional or aspire to be. Each chapter covers a different topic important to game designers, and was taken from actual industry experience. After a brief overview of the topic, there are five challenges that each take less than two hours and allow you to apply the material, explore the topic, and expand your knowledge in that area. Each chapter also includes 10 "non-digital shorts" to further hone your skills. None of the challenges in the book require any programming or a computer, but many of the topics feature challenges that can be made into fully functioning games. The book is useful for professional designers, aspiring designers, and instructors who teach game design courses, and the challenges are great for both practice and homework assignments. The book can be worked through chapter by chapter, or you can skip around and do only the challenges that interest you. As with anything else, making great games takes practice and Challenges for Game Designers provides you with a collection of fun, thoughtprovoking, and of course, challenging activities that will help you hone vital skills and become the best game designer you can be.

The Barbarian's Beverage Max Nelson 2005-02-25 Comprehensive and detailed, this is the first ever study of ancient beer and its distilling, consumption and characteristics Examining evidence from Greek and Latin authors from 700 BC to AD 900, the book demonstrates the important technological as well as ideological contributions the Europeans made to beer throughout the ages. The study is supported by textual and archaeological evidence and gives a fresh and fascinating insight into an aspect of ancient life that has fed through to modern society and which stands today as one of the world's most popular beverages. Students of ancient history, classical studies and the history of food and drink will find this an useful and enjoyable read.

The Nature Fix: Why Nature Makes Us Happier, Healthier, and More Creative Florence Williams 2017-02-07 "Highly informative and remarkably entertaining." —Elle From forest trails in Korea, to islands in Finland, to eucalyptus groves in California, Florence Williams investigates the science behind nature's positive effects on the brain. Delving into brand-new research, she uncovers the powers of the natural world to improve health, promote reflection and innovation, and strengthen our relationships. As our modern lives shift dramatically indoors, these ideas—and the answers they yield—are more urgent than ever.

Information Technology - New Generations Shahram Latifi 2018-04-12 This volume presents a collection of peer-reviewed, scientific articles from the 15th International Conference on Information Technology – New Generations, held at Las Vegas. The collection addresses critical areas of Machine Learning, Networking and Wireless Communications, Cybersecurity, Data Mining, Software Engineering, High Performance Computing Architectures, Computer Vision, Health, Bioinformatics, and Education.

Level Up! Scott Rogers 2010-09-29 Design and build cutting-edge video games with help from video game expert Scott Rogers! If you want to design and build cutting-edge video games but aren't sure where to start, then this is the book for you. Written by leading video game expert Scott Rogers, who has designed the hits Pac Man World, Maxim vs. Army of Zin, and SpongeBob Squarepants, this book is full of Rogers's wit and imaginative style that demonstrates everything you need to know about designing great video games. Features an approachable writing style that considers game designers from all levels of expertise and experience Covers the entire video game creation process, including developing marketable ideas, understanding what gamers want, working with player actions, and more Offers techniques for creating non-human characters and using the camera as a character Shares helpful insight on the business of design and how to create design documents So, put your game face on and start creating memorable, creative, and unique video games with this book!

Visions and Concepts for Education 4.0 Michael E. Auer 2021-02-05 This book contains papers in the fields of Interactive, Collaborative, and Blended Learning; Technology-Supported Learning; Education 4.0; Pedagogical and Psychological Issues. With growing calls for affordable and quality education worldwide, we are currently witnessing a significant transformation in the development of post-secondary education and pedagogical practices. Higher education is undergoing innovative transformations to respond to our urgent needs. The change is hastened by the global pandemic that is currently underway. The 9th International Conference on Interactive, Collaborative, and Blended Learning: Visions and Concepts for Education 4.0 was conducted in an online format at McMaster University, Canada, from 14th to 15th October 2020, to deliberate and share the innovations and strategies. This conference's main objectives were to discuss guidelines and new concepts for engineering education in higher education institutions, including emerging technologies in learning; to debate new conference format in worldwide pandemic and post-pandemic conditions; and to discuss new technology-based tools and resources that drive the education in non-traditional ways such as Education 4.0. Since its beginning in 2007, this conference is devoted to new learning approaches with a focus on applications and experiences in the fields of interactive, collaborative, and blended learning and related new technologies. Currently, the ICBL conferences are forums to exchange recent trends, research findings, and disseminate practical

experiences in collaborative and blended learning, and engineering pedagogy. The conference bridges the gap between 'pure' scientific research and the everyday work of educators. Interested readership includes policymakers, academics, educators, researchers in pedagogy and learning theory, school teachers, industry-centric educators, continuing education practitioners, etc.

Dive Into Deep Learning Joanne Quinn 2019-07-15 The leading experts in system change and learning, with their school-based partners around the world, have created this essential companion to their runaway best-seller, *Deep Learning: Engage the World Change the World*. This hands-on guide provides a roadmap for building capacity in teachers, schools, districts, and systems to design deep learning, measure progress, and assess conditions needed to activate and sustain innovation. *Dive Into Deep Learning: Tools for Engagement* is rich with resources educators need to construct and drive meaningful deep learning experiences in order to develop the kind of mindset and know-how that is crucial to becoming a problem-solving change agent in our global society. Designed in full color, this easy-to-use guide is loaded with tools, tips, protocols, and real-world examples. It includes:

- A framework for deep learning that provides a pathway to develop the six global competencies needed to flourish in a complex world — character, citizenship, collaboration, communication, creativity, and critical thinking.
- Learning progressions to help educators analyze student work and measure progress.
- Learning design rubrics, templates and examples for incorporating the four elements of learning design: learning partnerships, pedagogical practices, learning environments, and leveraging digital.
- Conditions rubrics, teacher self-assessment tools, and planning guides to help educators build, mobilize, and sustain deep learning in schools and districts.

Learn about, improve, and expand your world of learning. Put the joy back into learning for students and adults alike. Dive into deep learning to create learning experiences that give purpose, unleash student potential, and transform not only learning, but life itself.

The Art of Game Design Jesse Schell 2008-08-04 Anyone can master the fundamentals of game design - no technological expertise is necessary. *The Art of Game Design: A Book of Lenses* shows that the same basic principles of psychology that work for board games, card games and athletic games also are the keys to making top-quality videogames. Good game design happens when you view your game from many different perspectives, or lenses. While touring through the unusual territory that is game design, this book gives the reader one hundred of these lenses - one hundred sets of insightful questions to ask yourself that will help make your game better. These lenses are gathered from fields as diverse as psychology, architecture, music, visual design, film, software engineering, theme park design, mathematics, writing, puzzle design, and anthropology. Anyone who reads this book will be inspired to become a better game designer - and will understand how to do it.

Strategic Latency Unleashed Zachary Davis 2021-01-30 The world is being transformed physically and politically. Technology is the handmaiden of much of this change. But since the current sweep of global change is transforming the face of warfare, Special Operations Forces (SOF) must adapt to these circumstances. Fortunately, adaptation is in the SOF DNA. This book examines the changes affecting SOF and offers possible solutions to the complexities that are challenging many long-held assumptions. The chapters explore what has changed, what stays the same, and what it all means for U.S. SOF. The authors are a mix of leading experts in technology, business, policy, intelligence, and geopolitics, partnered with experienced special operators who either cowrote the chapters or reviewed them to ensure accuracy and relevance for SOF. Our goal is to provide insights into the changes around us and generate ideas about how SOF can adapt and succeed in the emerging operational environment.

Gamification by Design Gabe Zichermann 2011-08-01 Provides information on creating Web and mobile applications based on the principles of game mechanics.

Grey Hunter William King 2004 When the dark forces of Chaos seize one of their Chapter's holiest artifacts, Ragnar and his Space Wolf comrades embark on a perilous quest to retrieve it before an ancient and terrible foe can be set free. Reissue.

Warning Miracle

Rebooting AI Gary Marcus 2020-08-04 Two leaders in the field offer a compelling analysis of the current state of the art and reveal the steps we must take to achieve a truly robust artificial intelligence. Despite the hype surrounding AI, creating an intelligence that rivals or exceeds human levels is far more complicated than we have been led to believe. Professors Gary Marcus and Ernest Davis have spent their careers at the forefront of AI research and have witnessed some of the greatest milestones in the field, but they argue that a computer beating a human in Jeopardy! does not signal that we are on the doorstep of fully autonomous cars or superintelligent machines. The achievements in the field thus far have occurred in closed systems with fixed sets of rules, and these approaches are too narrow to achieve genuine intelligence. The real world, in contrast, is wildly complex and open-ended. How can we bridge this gap? What will the consequences be when we do? Taking inspiration from the human mind, Marcus and Davis explain what we need to advance AI to the next level, and suggest that if we are wise along the way, we won't need to worry about a future of machine overlords. If we focus on endowing machines with common sense and deep understanding, rather than simply focusing on statistical analysis and gathering ever larger collections of data, we will be able to create an AI we can trust--in our homes, our cars, and our doctors' offices.

Rebooting AI provides a lucid, clear-eyed assessment of the current science and offers an inspiring vision of how a new generation of AI can make our lives better.

Stars Without Number (Perfect Bound) 2010-11-21 Stars Without Number is a science fiction role-playing game inspired by the Old School Renaissance and the great fantasy and science-fiction games of the seventies and eighties. * Compatible with most retroclone RPGs * Helps a GM build a sandbox sci-fi game that lets the players leave the plot rails to explore freely * World building resources for creating system-neutral planets and star sectors * 100 adventure seeds and guidelines for integrating them with the worlds you've made * Old-school compatible rules for guns, cyberware, starships, and psionics * Domain rules for experienced characters who want to set up their own colony, psychic academy, mercenary band, or other institution

Game Usability Katherine Isbister 2008-08-12 Computers used to be for geeks. And geeks were fine with dealing with a difficult and finicky interface--they liked this--it was even a sort of badge of honor (e.g. the Unix geeks). But making the interface really intuitive and useful--think about the first Macintosh computers--took computers far far beyond the geek crowd. The Mac made HCI (human computer interaction) and usability very popular topics in the productivity software industry. Suddenly a new kind of experience was crucial to the success of software - the user experience. Now, 20 years later, developers are applying and extending these ideas to games. Game companies are now trying to take games beyond the 'hardcore' gamer market--the people who love challenge and are happy to master a complicated or highly genre-constrained interface. Right about now (with the growth of interest in casual games) game companies are truly realizing that usability matters, particularly to mainstream audiences. If it's not seamless and easy to use and engaging, players will just not stay to get to the 'good stuff'. By definition, usability is the ease with which people can employ a particular tool in order to achieve a particular goal. Usability refers to a computer program's efficiency or elegance. This book gives game designers a better understanding of how player characteristics impact usability strategy, and offers specific methods and measures to employ in game usability practice. The book also includes practical advice on how to include usability in already tight development timelines, and how to advocate for usability and communicate results to higher-ups effectively.

Management 9e Angelo Kinicki 2019-03-21

Organizational Behavior, 13th Edition Mary Uhl-Bien 2013-11-01 This text includes a rich array of exercises, cases, and applied materials such as the Kouzes and Posner Leadership Practices Inventory and Pfeiffer Annual Edition exercises. It also offers a greater focus on the hot topic of ethics throughout the entire book to ensure it is contemporary and engaging.Ê

Game Design Workshop Tracy Fullerton 2014-03-05 Create the Digital Games You Love to Play Discover an exercise-driven, non-technical approach to game design without the need for programming or artistic expertise using Game Design Workshop, Third Edition. Author Tracy Fullerton demystifies the creative process with a clear and accessible analysis of the formal and dramatic systems of game design. Examples of popular games, illustrations of design techniques, and refined exercises strengthen your understanding of how game systems function and give you the skills and tools necessary to create a compelling and engaging game. The book puts you to work prototyping, playtesting, and revising your own games with time-tested methods and tools. It provides you with the foundation to advance your career in any facet of the game industry, including design, producing, programming, and visual design.

Trigger Happy Steven Poole 2004 A thought-provoking cultural study of videogames traces the history of this popular form of entertainment and explains why videogames will become the dominant popular art form of the twenty-first century. Reprint.

Designing EEG Experiments for Studying the Brain Aamir Saeed Malik 2017-05-25 Designing EEG Experiments for Studying the Brain: Design Code and Example Datasets details the design of various brain experiments using electroencephalogram (EEG). Providing guidelines for designing an EEG experiment, it is primarily for researchers who want to venture into this field by designing their own experiments as well as those who are excited about neuroscience and want to explore various applications related to the brain. The first chapter describes how to design an EEG experiment and details the various parameters that should be considered for success, while remaining chapters provide experiment design for a number of neurological applications, both clinical and behavioral. As each chapter is accompanied with experiment design codes and example datasets, those interested can quickly design their own experiments or use the current design for their own purposes. Helpful appendices provide various forms for one's experiment including recruitment forms, feedback forms, ethics forms, and recommendations for related hardware equipment and software for data acquisition, processing, and analysis. Written to assist neuroscientists in experiment designs using EEG Presents a step-by-step approach to designing both clinical and behavioral EEG experiments Includes experiment design codes and example datasets Provides inclusion and exclusion criteria to help correctly identify experiment subjects and the minimum number of samples Includes appendices that provide recruitment forms, ethics forms, and various subjective tests associated with each of the chapters

Games Without Frontiers

Aki Järvinen 2009

Fear to Tread James Swallow 2012-08-28 The latest Horus Heresy novel There is war on Signus Prime; Horus sends the Blood Angels to the Signus system, where an army of Khornate daemons waits for them. The Warmaster's plan is to use the flaw in the Blood Angels' gene-seed – which will later be known as the Red Thirst – to turn them to the worship of the Blood God. At the height of the battle, Sanguinius fights with the Bloodthirster Ka'Bandha. The Blood Angels fight for survival of their minds and bodies

Game Feel Steve Swink 2008-10-13 "Game Feel" exposes "feel" as a hidden language in game design that no one has fully articulated yet. The language could be compared to the building blocks of music (time signatures, chord progressions, verse) - no matter the instruments, style or time period - these building blocks come into play. Feel and sensation are similar building blocks where game design is concerned. They create the meta-sensation of involvement with a game. The understanding of how game designers create feel, and affect feel are only partially understood by most in the field and tends to be overlooked as a method or course of study, yet a game's feel is central to a game's success. This book brings the subject of feel to light by consolidating existing theories into a cohesive book. The book covers topics like the role of sound, ancillary indicators, the importance of metaphor, how people perceive things, and a brief history of feel in games. The associated web site contains a playset with ready-made tools to design feel in games, six key components to creating virtual sensation. There's a play palette too, so the designer can first experience the importance of that component by altering variables and feeling the results. The playset allows the reader to experience each of the sensations described in the book, and then allows them to apply them to their own projects. Creating game feel without having to program, essentially. The final version of the playset will have enough flexibility that the reader will be able to use it as a companion to the exercises in the book, working through each one to create the feel described.

A Composer's Guide to Game Music Winifred Phillips 2017-08-11 A comprehensive, practical guide to composing video game music, from acquiring the necessary skills to finding work in the field. Music in video games is often a sophisticated, complex composition that serves to engage the player, set the pace of play, and aid interactivity. Composers of video game music must master an array of specialized skills not taught in the conservatory, including the creation of linear loops, music chunks for horizontal resequencing, and compositional fragments for use within a generative framework. In A Composer's Guide to Game Music, Winifred Phillips—herself an award-winning composer of video game music—provides a comprehensive, practical guide that leads an aspiring video game composer from acquiring the necessary creative skills to understanding the function of music in games to finding work in the field. Musicians and composers may be drawn to game music composition because the game industry is a multibillion-dollar, employment-generating economic powerhouse, but, Phillips writes, the most important qualification for a musician who wants to become a game music composer is a love of video games. Phillips offers detailed coverage of essential topics, including musicianship and composition experience; immersion; musical themes; music and game genres; workflow; working with a development team; linear music; interactive music, both rendered and generative; audio technology, from mixers and preamps to software; and running a business. A Composer's Guide to Game Music offers indispensable guidance for musicians and composers who want to deploy their creativity in a dynamic and growing industry, protect their musical identities while working in a highly technical field, and create great music within the constraints of a new medium.