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gadgets games and gizmos is an innovative book that provides practical and original solutions to the impending boomer gamer knowledge and skills transfer gap the book outlines how gamer values such as the use of cheat codes the love of gadgets the need to play games and the desire to be constantly connected can be used as methods for moving information from the heads of the boomers to the fingertips and gadgets of the gamers as organizations begin to think strategically about how to attract retain and train new talent this book written by karl kapp named one of 2007 s top 20 most influential training professionals by trainingindustry inc will be an invaluable resource

the unity engine tutorial for any game creator unity is now the world s 1 game engine thanks to its affordability continuous improvements and amazing global community with unity you can design code and author your game once and then deploy it to multiple platforms reaching huge audiences and earning maximum returns learning 2d game development with unity will help you master unity and build powerful skills for success in today s game industry it also includes a bonus rundown of the new gui tools introduced in unity s version 4 6 beta with this indispensable guide

you ll gain a solid practical understanding of the unity engine as you build a complete 2d platform style game hands on the step by step project will get you started fast whether you re moving to unity from other engines or are new to game development this tutorial covers the entire development process from initial concept plans and designs to the final steps of building and deploying your game it illuminates unity s newly integrated 2d toolset covering sprites 2d physics game scripts audio and animations throughout it focuses on the simplest and lowest cost approaches to game development relying on free software and assets everything you ll need is provided register your book at informit com title 9780321957726 to access assets code listings and video tutorials on the companion website learn how to set up your unity development environment and navigate its tools create and import assets and packages you can add to your game set up game sprites and create atlas sheets using the new unity 2d tools animate sprites using keyframes animation controllers and scripting build a 2d game world from beginning to end establish player control construct movements that feel right set up player physics and colliders create and apply classic gameplay systems implement hazards and tune difficulty apply audio and particle effects to the game create intuitive game menus and interface elements debug code and provide smooth error handling organize game resources and optimize game performance publish your game to the web for others to see and play

large language models llms have revolutionized natural language processing nlp enabling advanced applications such as machine translation text summarization and sentiment analysis this book serves as a comprehensive guide for data scientists machine learning engineers and developers offering foundational theory and practical skills to harness the power of llms for real world problems from understanding the fundamentals of llms to deploying them in cloud and open source environments this book equips readers with the essential knowledge to excel in modern nlp the book takes a hands on approach guiding readers through the end to end deployment of llms from data collection and preprocessing to model training evaluation and real time inference using popular frameworks like amazon sagemaker and hugging face transformers you ll explore practical tasks such as text generation classification and named entity recognition additionally it delves into industry use cases like customer support chatbots and content generation while addressing emerging trends scaling techniques and ethical considerations like bias and fairness in ai this is your ultimate resource for mastering llms in production ready environments you will learn to implement cutting edge nlp tasks such as text generation sentiment analysis and named entity recognition using aws services and open source tools like hugging face understand best practices for scaling and maintaining nlp models in production focusing on real time performance monitoring and iterative improvements practice techniques for training and optimizing llms covering data preprocessing hyperparameter tuning and evaluation strategies this book is for data scientists machine learning engineers and developers

what student or teacher can resist the chance to experiment with rocket launchers drinking birds dropper poppers boomwhackers flying pigs and more the 54 experiments in using physics gadgets and gizmos grades 9 12 encourage your high school students to explore a variety of phenomena involved with pressure and force thermodynamics energy light and color resonance buoyancy two dimensional motion angular momentum magnetism and electromagnetic induction the authors say there are three good reasons to buy this book 1 to improve your students thinking skills and problem solving abilities 2 to acquire easy to perform experiments that engage students in the topic 3 to make your physics lessons waaaaay

more cool the phenomenon based learning pbl approach used by the authors two finnish teachers and a u s professor is as educational as the experiments are attention grabbing instead of putting the theory before the application pbl encourages students to first experience how the gadgets work and then grow curious enough to find out why students engage in the activities not as a task to be completed but as exploration and discovery the idea is to help your students go beyond simply memorizing physics facts using physics gadgets and gizmos can help them learn broader concepts useful critical thinking skills and science and engineering practices as defined by the next generation science standards and thanks to those boomwhackers and flying pigs both your students and you will have some serious fun for more information about hands on materials for using physical science gadgets and gizmos books visit arbor scientific at arborsci com nsta hs kits

every year 17 million new cases of attention deficit disorder or add are diagnosed in children but medications designed to treat the disorder don t work for many children and often leave families frustrated and searching for more options in the add answer dr frank lawlis draws upon his thirty five years of experience as a clinical and research psychologist to show parents how they can reclaim their central role in healing their children with comprehensive step by step advice on dealing with the problems of add his approach blends the latest medical nutritional and psychological treatments that can increase brain function with expert insight into the emotional and spiritual support kids need including assessment tests geared to help parents understand their child s particular needs and practical information on proven treatment options the add answer explores the role of nutrition in treating the disorder the positive effects of counseling and goal setting advances in the field of biofeedback the importance of sleep and much more an inspiring and essential guide the add answer will help every family facing the challenges of add create a more loving healthy environment necessary for their child to thrive

this book explores the tpack framework which integrates technology pedagogy and content knowledge to improve teaching and learning it covers applications in teacher training course design professional development and intervention strategies offering insights for educators administrators and researchers

libraries are charged with fostering new skills and capabilities a challenging task in an era of rapid technological change developing new ways of teaching and learning within budget and time constraints is the key to keeping up to date written by librarians this collection of new essays describes an array of technology outreach and instruction programs from the theoretical to the practical for public academic and school libraries based on case studies and discussions of methodology content includes out of the box lessons outreach successes and technology instruction programs applicable to patrons and staff at public academic and school libraries

eternity time without end infinity space without limits and virtuality perception without constraints provide the conceptual framework in which acadia 2000 is conceived it is in human nature to fill what is empty and to empty what is full today thanks to the power of computer processing we can also make small what is too big make big what is too small make fast what is too slow make slow what is too fast make real what does not exist and make our reality omni present at global scale these are capabilities for which we have no precedents what we make of them is our privilege and

responsibility

autodesk viz 4 is a powerful real time 3d design modeling and animation tool from autodesk makers of autocad the follow up to 3d studio viz 3 0 viz 4 now incorporates a previously separate program called lightscape key new features include powerful lighting functions such as radiosity and global illumination as well as a dramatically upgraded interface this comprehensive guide describes the full range of viz 4 s new capabilities and shows architects mechanical and civil engineers planners interior designers and other design professionals how to create 3d models quickly and intuitively

the first battles began in the wilderness the animals in the forests and glades struggled furiously for life and often fought with splendid courage but they never won they were always killed and now it was man s turn now the strange wispy vapors the strange blood sucking vapors had tired of animals and looked hungrily toward people pg 4 of cover

articles refer to teaching at various different levels from kindergarten to graduate school with sections on teaching geologic time space complex systems and field work each section includes an introduction a thematic paper and commentaries

provides advice for entrepreneurs on leadership discussing one s ethical framework motivation passion vision and mission and examining actions plans execution shared vision and values lifelong learning and other related topics

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