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Charles Platt

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Knowledge Encyclopedia DK,2018-07-03 This brilliant children s encyclopedia is informative diverse in subject matter easy to read and brimming with ground breaking CGI graphics that make it a truly immersive reading experience revealing the world as you ve never seen it before An incredible educational journey through space and time on planet Earth and beyond This is the perfect educational book for a young explorer Experience the Big Bang at the beginning of the universe and travel through our world s rich history right up until the digital world we live in today This magnificent general knowledge book will entertain and educate A breath taking comprehensive guide to planet Earth and the universe that is guaranteed to boost your child s brainpower It covers the complexities of space science nature technology art history and culture which are broken down into bite sized chunks supported by statistics maps timelines and cutting edge graphics to make even the most complex subjects easy to understand Look inside an Apollo spacecraft a volcano or the body of a T rex Learn about the Big Bang and the science behind fireworks Then explore the galaxies and stars back to Earth and in and around the mechanics of the human body This fully updated edition of Knowledge Encyclopedia is the perfect fact book for kids of all ages to go on an adventure through its pages Explore Discover And Learn Spend quality time exploring our universe accompanied by impressive visuals to engage their senses Discover the mysteries of Tutankhamun s tomb what powers tsunamis tornadoes and earthquakes or witness the birth of a star in all its glory and learn about the secrets held in our DNA You can also go back in time to the building of the Great Wall of China or walk the scarred battlefields of two World Wars Knowledge Encyclopedia uncovers the marvels of our world in unprecedented detail and with stunning realism This kid s educational book opens the world in new ways through Amazing insights into space and the universe Interesting facts about Earth A closer look at nature Diving into the human body The amazing world of science Our world s history Knowledge Encyclopedia is part of a children s encyclopedia set forming the Knowledge Encyclopedia educational series Complete this collection of books for kids to keep your little ones entertained while learning more about the world around them This series includes Knowledge Encyclopedia Dinosaur History Space Ocean and more **The**

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Make: Volume 85 Dale Dougherty, 2023-05-02 In this issue s cover story we go inside how an FX team built a working R C prop of the famous disembodied hand Thing from Netflix s Wednesday and how you can bring your own props and robots to life with channelmixing telemetry and on the fly programming using OpenTX for your R C transmitter Then we dive into exciting DIY music projects starting with the burgeoning synth DIY SDIY scene Get the ins and outs of how to kit out your modular synth setup then build your own simple synth and learn what makes it squeal with the Mt Brighton Avalanche Oscillator Or go low tech with a great sounding Soda Bottle Marimba you can build for pennies or 3D print your own speakers and instruments Plus 33 projects and skills including Program animations for mechanical flip dot displays Sharpen your knife skills by carving a chain from a tree branch Etch custom designs into brass using salt water and electricity Carve two different universal clamps for your CNC projects Learn tips and techniques for getting glass like 3D prints from clear filaments And much more

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Science Encyclopedia Technology Harris,2007-08-01 Take An In Depth Look At Technology In This Science Encyclopedia

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detailed presentation of the relevant thermofluid physics and governing equations and the supporting mathematical design and optimization techniques the book offers a practical guide for thermal engineers designing avionics cooling equipment based on the author's 20 years of experience as a thermal analyst and a practical design engineer for Avionics and related systems The Set continues with Thermal Management of RF Systems which addresses sequentially the history present practice and future thermal management strategies for electronically steered RF systems in the context of the RF operational requirements as well as device module and system level electronic thermal and mechanical considerations This unique text was written by 3 authors Dr John D Albrecht Mr David H Altman Dr Joseph J Maurer with extensive US Department of Defense and aerospace industry experience in the design development and fielding of RF systems Their combined efforts have resulted in a text which is well grounded in the relevant past present and future RF systems and technologies Thus this volume will provide the designers of advanced radars and other electronic RF systems with the tools and the knowledge to address the thermal management challenges of today's technologies as well as of advanced technologies such as wide bandgap semiconductors heterogeneously integrated devices and 3D chipsets and stacks The third volume in Set 3 Phase Change Materials for Thermal Management of Electronic Components co authored by Prof Gennady Ziskind and Dr Yoram Kozak provides a detailed description of the numerical methods used in PCM analysis and a detailed explanation of the processes that accompany and characterize solid liquid phase change in popular basic and advanced geometries These provide a foundation for an in depth exploration of specific electronics thermal management applications of Phase Change Materials This volume is anchored in the unique PCM knowledge and experience of the senior author and placed in the context of the extensive solid liquid phase change literature in such diverse fields as material science mathematical modeling experimental and numerical methods and thermofluid science and engineering Related Link s **Van Nostrand's**

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