

Canon L80 User Guide

Offers advice on researching family history on the Web, including search strategies, data sharing, government records, genealogical software, and publishing the results on the Web.

This work lists and describes manuscripts - in African and Western languages - relating to Africa south of the Sahara held in public and private collections in the British Isles. Arrangement of entries is first by country, and within each country alphabetical by town and name of repository.

This careful analysis of early Buddhist thought opens out a perspective in which no permanent Self is accepted, but a rich analysis of changing and potent mental processes is developed. It explores issues relating to the not-Self teaching: self-development, moral responsibility, the between-lives period, and the 'undetermined questions' on the world, on the 'life principle' and on the liberated one after death. It examines the 'person' as a flowing continuity centred on consciousness or discernment (vinnana) configured in changing minds-sets (cittas). The resting state of this is seen as 'brightly shining' - like the 'Buddha nature' of Mahayana thought - so as to represent the potential for Nirvana. Nirvana is then shown to be a state in which consciousness transcends all objects, and thus participates in a timeless, unconditioned realm.

An odorless baby found orphaned in a Paris gutter in 1738 grows to become a monster obsessed with his perfect sense of smell and a desire to capture, by any means, the ultimate scent that will make him human. Reader's Guide available. Reprint. 20,000 first printing.

“Offers a useful reminder of the role of modern science in fundamentally transforming all of our lives.” —President Barack Obama (on Twitter) “An important book.” —Steven Pinker, The New York Times Book Review Now also a PBS documentary series: the surprising story of how humans gained what amounts to an extra life, from the bestselling author of How We Got to Now and Where Good Ideas Come From As a species we have doubled our life expectancy in just one hundred years. All the advances of modern life—the medical breakthroughs, the public health institutions, the rising standards of living—have given us each about twenty thousand extra days on average. There are few measures of human progress more astonishing than our increased longevity. This book is Steven Johnson’s attempt to understand where that progress came from. How many of those extra twenty thousand days came from vaccines, or the decrease in famines, or seatbelts? What are the forces that now keep us alive longer? Behind each breakthrough lies an inspiring story of cooperative innovation, of brilliant thinkers bolstered by strong systems of public support and collaborative networks. But it is not enough simply to remind ourselves that progress is possible. How do we avoid decreases in life expectancy as our public health systems face unprecedented challenges? What current technologies or interventions that could reduce the impact of future crises are we somehow ignoring? A study in how meaningful change happens in society, Extra Life is an ode to the enduring power of common goals and public resources. The most fundamental progress we have experienced over the past few centuries has not come from big corporations or start-ups. It has come, instead, from activists struggling for reform; from university-based and publicly funded scientists sharing their findings open-source-style; and from nonprofit agencies spreading new innovations around the world.

Assembly is a low-level programming language that's one step above a computer's native machine language. Although assembly language is commonly used for writing device drivers, emulators, and video games, many programmers find its somewhat unfriendly syntax intimidating to learn and use. Since 1996, Randall Hyde's The Art of Assembly Language has provided a comprehensive, plain-English, and patient introduction to 32-bit x86 assembly for non-assembly programmers. Hyde's primary teaching tool, High Level Assembler (or HLA), incorporates many of the features found in high-level languages (like C, C++, and Java) to help you quickly grasp basic assembly concepts. HLA lets you write true low-level code while enjoying the benefits of high-level language programming. As you read The Art of Assembly Language, you'll learn the low-level theory fundamental to computer science and turn that understanding into real, functional code. You'll learn how to: –Edit, compile, and run HLA programs –Declare and use constants, scalar variables, pointers, arrays, structures, unions, and namespaces –Translate arithmetic expressions (integer and floating point) –Convert high-level control structures This much anticipated second edition of The Art of Assembly Language has been updated to reflect recent changes to HLA and to support Linux, Mac OS X, and FreeBSD. Whether you're new to programming or you have experience with high-level languages, The Art of Assembly Language, 2nd Edition is your essential guide to learning this complex, low-level language.

The New York Times bestseller that makes scientific subjects both understandable and fun: “Every sentence sparkles with wit and charm.” —Richard Dawkins From the Pulitzer Prize–winning New York Times science journalist and bestselling author of Woman, this is a playful, passionate guide to the science all around us (and inside us)—from physics to chemistry, biology, geology, astronomy, and more. Drawing on conversations with hundreds of the world’s top scientists, Natalie Angier creates a thoroughly entertaining guide to scientific literacy. For those who want a fuller understanding of some of the great issues of our time, The Canon offers insights on stem cells, bird flu, evolution, and global warming. For students—or parents whose kids ask a lot of questions about how the world works—it brings to life such topics as how the earth was formed, or what electricity is. Also included are clear, fascinating explanations of how to think scientifically and grasp the tricky subject of probability. The Canon is a joyride through the major scientific disciplines that reignites our childhood delight and sense of wonder—and along the way, tells us what is actually happening when our ice cream melts or our coffee gets cold, what our liver cells do when we eat a caramel, why the horse is an example of evolution at work, and how we’re all really made of stardust.

Also time tables of railroads in Central America. Air line schedules.

The Energy Saving Guide: Tables for Assessing the Profitability of Energy Saving Measures with Explanatory Notes and Worked Examples describes the means of comparing investment in energy saving measures with other types of financial investment. This book is composed of nine chapters and begins with an introduction to the Present Value concept and the effect of energy price inflation rate on energy savings. The next chapters consider the annual maintenance charges of an energy saving system and the investment deferment to achieve cost effectiveness within a defined period. A chapter presents several examples to illustrate the method of assessing the cost-effectiveness of various energy saving investments. The final chapters provide the mathematical background and tables for the Present Value concept and values. This book is intended for economists and non-specialists.

Zebrafish (*Danio rerio*) play an integral role in biomedical research, enabling researchers to examine physiological mechanisms and pathways relevant to human pathogenesis and its therapy. That, along with their low cost, easy manipulation, short reproductive cycles, and physiological homology to humans, has made zebrafish a vital model organism for neuroscience research. Zebrafish Protocols for Neurobehavioral Research addresses protocols for both larval and adult models, written by the leading experts in the field of zebrafish research. Part I of this book takes advantage of the high-throughput nature of larval models to offer protocols for research requiring high output, easily manipulated screens. The second half of the book focuses on the robust and sophisticated behaviors of adult zebrafish, suitable for the neurophenotyping of complex traits and multi-domain

disorders. Importantly, these models complement each other, working together to provide researchers with valuable insights into neurobiology of normal and pathological behavior. Thorough and cutting-edge, this volume is a useful, authoritative reference guide that should hold a coveted spot in zebrafish laboratories across the globe. Amateur astronomy has changed beyond recognition in less than two decades. The reason is, of course, technology. Affordable high-quality telescopes, computer-controlled 'go to' mountings, autoguiders, CCD cameras, video, and (as always) computers and the Internet, are just a few of the advances that have revolutionized astronomy for the twenty-first century. Martin Mobberley first looks at the basics before going into an in-depth study of what's available commercially. He then moves on to the revolutionary possibilities that are open to amateurs, from imaging, through spectroscopy and photometry, to patrolling for near-earth objects - the search for comets and asteroids that may come close to, or even hit, the earth. The New Amateur Astronomer is a road map of the new astronomy, equally suitable for newcomers who want an introduction, or old hands who need to keep abreast of innovations. From the reviews: "This is one of several dozen books in Patrick Moore's "Practical Astronomy" series. Amid this large family, Mobberley finds his niche: the beginning high-tech amateur. The book's first half discusses equipment: computer-driven telescopes, CCD cameras, imaging processing software, etc. This market is changing every bit as rapidly as the computer world, so these details will be current for only a year or two. The rest of the book offers an overview of scientific projects that serious amateurs are carrying out these days. Throughout, basic formulas and technical terms are provided as needed, without formal derivations. An appendix with useful references and Web sites is also included. Readers will need more than this book if they are considering a plunge into high-tech amateur astronomy, but it certainly will whet their appetites. Mobberley's most valuable advice will save the book's owner many times its cover price: buy a quality telescope from a reputable dealer and install it in a simple shelter so it can be used with as little set-up time as possible. A poor purchase choice and the hassle of setting up are why most fancy telescopes gather dust in their owners' dens. Summing Up: Highly recommended. General readers; lower- and upper-division undergraduates."(T. D. Oswalt, CHOICE, March 2005)

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Under its mandate to interpret Canadian history to the public, Environment Canada - Parks initiated an extensive study of the technology of British ordnance c1710-1860s to aid in the re-creation of period settings at a number of British military sites in Canada, and to provide a manual for the reconstruction of pieces of artillery, their carriages and platforms. The study covers the production of ordnance, the history of the development and design of various pieces (guns, mortars, howitzers, carronades), their carriages and platforms, and the development of gunpowder, cartridges, fuses, and projectiles.

The European Computing Conference offers a unique forum for establishing new collaborations within present or upcoming research projects, exchanging useful ideas, presenting recent research results, participating in discussions and establishing new academic collaborations, linking university with the industry. Engineers and Scientists working on various areas of Systems Theory, Applied Mathematics, Simulation, Numerical and Computational Methods and Parallel Computing present the latest findings, advances, and current trends on a wide range of topics. This proceedings volume will be of interest to students, researchers, and practicing engineers.

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In this book, X-Pert Corner columnist and workshop mentor Rico Pfisteringer teaches you all about the capabilities of the Fujifilm X series lineup of cameras, which he's discovered through years of in-depth research, experience, and experimentation. No matter which X series camera you own—whether it be the X-T3, X-H1, X-T2, X-Pro2, X100F, X-T20, X-E3, GFX, or any other Fuji X series camera—Rico cuts to the chase and provides a plethora of tips and practical instructions not found in user manuals or anywhere else. With this knowledge, you will be able to take full advantage of your X series camera.

The Fujifilm X series boasts amazing features, but some users may require an adjustment period if they are new to these cameras—even photographers who have been lifetime DSLR shooters. This guide will help you to quickly feel comfortable using your camera so that you can achieve excellent results.

Rico reveals many hidden features, functions, and procedures, so photographers of every level—beginners, enthusiasts, and experienced pros—will learn new and better ways to use their Fuji X series camera to its full potential. Beyond beneficial practices for all X series shooters, Rico also covers advanced concepts, such as the capabilities of Fujifilm's ISOless sensors with Dual Conversion Gain, and offers solutions for common issues, such as inaccurate focus or RAW conversion artifacts.

Topics covered include:

- Firmware upgrades, lens issues, OIS and IBIS

- Menus shortcuts, Custom Settings, My Menu, Quick Menu, and Fn buttons
- Mirrorless exposure metering
- Maximizing dynamic range
- ISOless photography
- Autofocus settings, challenges, and strategies
- Film simulations, white balance, and JPEG settings
- RAW conversion (internal and external)
- Flash photography
- And much more...

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