

Take your choice of these modern money- and

<p>ELECTRONIC CONVERSIONS, SYMBOLS & FORMULAS Here's a 3-in-1 answerbook you'll use every day! For everybody in electronics—technician, engineer, ham, experimenter hobbyist—this is the ideal no-nonsense handbook of useful formulas, symbols, and conversions (including metric). All you need is this book and an electronic calculator, and you're ready for any electronic problem whatsoever. You get all this in one handy, compact volume: a handbook containing hundreds of the most-needed electronics formulas; a complete dictionary of all the important electronics symbols; and a timely reference book of conversion factors that allows you to convert anything into anything! 224 pps., 46 illus. Hardbound. Only \$8.95</p> <p>A</p>	<p>THE COMPLETE HANDBOOK OF VIDEOCASSETTE RECORDERS An all-inclusive manual that gives you all the facts about videocassette recorders—how they work, how to repair them, how to maintain them, how to modify them. In meaty text the author analyzes every recorder now on the market—and shows you how to understand their operation. Loaded with commonsense maintenance data and plenty of troubleshooting charts and instructions. Over half the book shows how to repair recorders (and small TV systems using cassette units). There's even a whole Chapter on modifications, and the one on troubleshooting makes service work a breeze. 280 pps., 160 illus. Hardbound. Only \$9.95</p> <p>G</p>	<p>THE COMPLETE BOOK OF OUTDOOR MASONRY A do-it-yourselfer's bible on building with concrete, mortar, bricks, stone, concrete blocks and slabs, clay and ceramic tile, stucco, and adobe. Even if you've never wielded a trowel, you can undertake any masonry project or structure: the explicit and detailed instructions in this book show you every step to building all types of walls (structural, retaining, ornamental), steps, driveways, walkways, patios, terraces, barbecues, firepits, outdoor rooms, pools, fountains, benches, birdbaths, lighting niches, applying brick, stone or stucco veneers to masonry or wood frame walls...in fact, almost every conceivable outdoor masonry project! 416 pps., 269 illus. Hardbound. Only \$12.95</p> <p>M</p>	<p>THE UPHOLSTERER'S BIBLE Here are step-by-step instructions on how to upholster or reupholster anything from a stool to a sofa...plus frame repairing and rebuilding. Now you can add custom upholstery to new furniture you've built or purchased, or reclaim and rebuilt old worn pieces, or restore priceless family heirlooms! It's easy for anyone...with the simple, easy-to-follow, step-by-step instructions detailed in this exciting new volume. You learn which tools are needed on howto use them. You'll become familiar with various upholstery materials and the techniques of application, plus how to repair, restore or redesign and refinish old chairs and furniture frames. 518 pps., 256 illus. Hardbound. Only \$12.95</p> <p>S</p>
<p>COMPUTER PROGRAMMING HANDBOOK A complete guide to computer programming and data processing, with scores of worked out examples. An extremely comprehensive, informative, and interesting work on digital computer programming, and data processing in a general. And it doesn't require a knowledge of higher mathematics to understand and use! This GIANT text covers all three types of computer languages—machine, symbolic, and problem-oriented (which focuses on FORTRAN IV—the universal language): each type is covered in detail, complete with worked-out examples which include computer printouts and actual results. 518 pps., 114 illus. Hardbound. Only \$12.95</p> <p>B</p>	<p>HOW TO DESIGN AND BUILD ELECTRONIC INSTRUMENTATION A GIANT 420-page handbook of ready-to-use, super-practical, versatile circuits for all kinds of instrumentation—everything from amplifiers to phase-locked loop devices, from timers to frequency counters, from transducer circuits to waveform generators. It's a practical book—one which realizes there is plenty of design work which can be handled by someone without an E.E. degree—which recognizes that the final result is to design and build—not just design alone. This comprehensive volume shows you how to design and build a whole world of useful circuits. 420 pps., 210 illus. Hardbound. Only \$14.95</p> <p>H</p>	<p>UNDERSTANDING SOUND, VIDEO, AND FILM RECORDING This authoritative analysis of the history, theory, practice, and hardware of recording and reproducing sound and pictures on cylinders, discs, films, and tape examines the phonograph, hi-fi, the tape recorder, the cassette recorder, talking pictures, the video recorder, explains the theory behind them, and tells you precisely how they work and how to use them. Covers amplifiers, record changers, stylus shapes, loudspeakers, reverberation, quad and stereo sound, magnetic recording, modern recording tape, cassettes, microphones, magnetic film recording, video cassettes, etc. 140 pps., 46 illus. Hardbound. Only \$8.95</p> <p>N</p>	<p>101 PRACTICAL USES FOR PROPANE TORCHES An idea-packed guide to using the super-versatile propane torch...to fix your plumbing, repair your roof, mend your jewelry, make wrought-iron furniture, temper steel, recondition your tools, etc! If you've got a propane torch, you've got one of the handiest, most adaptable little gadgets ever invented. You can solder, you can braze, you can weld—you can handle a lot of jobs that you've probably been leaving to professionals. Step-by-step instructions tell you how to assemble the torch, how to adjust the flame, how to apply the flux, and how to make sure you get a perfect weld. 140 pps., 98 illus. Hardbound. Only \$6.95</p> <p>T</p>
<p>CLOSED-CIRCUIT TV INSTALLATION, MAINTENANCE & REPAIR An up-to-date course in everything about CCTV, including how to select, install, maintain, and repair CCTV installations in homes (for security and entertainment), industry, and educational institutions! It's a plain-talking guide to how CCTV works, a thorough introduction to the fundamentals of TV, a step-by-step guide to CCTV maintenance and troubleshooting...plus all the info you want on CCTV subsystems—display monitors, video tape recorders, cameras, and all kinds of auxiliary gear. Easy-to-follow instructions tell you how to install any CCTV system. 304 pps., 220 illus. Hardbound. Only \$12.95</p> <p>C</p>	<p>A BEGINNER'S GUIDE TO DESIGNING AND BUILDING TRANSISTOR RADIOS A solid handbook on designing and building your own radios from scratch! Now, with this fully illustrated build-it-and-learn guide, you can design and build your own transistor radios, can refine them stage by stage, and circuit by circuit. Now only will you obtain an understanding of how transistor radios work, but you'll also gain a working insight into practical circuit design. This new self-teaching manual gives you a practical course in the basic radio "building block" circuit stages—detectors, antennas, transistors, amplifiers, output stages, speakers, and more. 140 pps., 144 illus. Hardbound. Only \$7.95</p> <p>I</p>	<p>PRACTICAL SOLID-STATE DC POWER SUPPLIES An up-to-date handbook that includes over 200 circuits plus a wealth of precise detail on design, construction, and testing. It's a circuits book—a "hands-on" construction book—a book that is above all practical. From batteries to exotic and sophisticated switching regulators, this book puts them all at your fingertips. And, it explains in simple language how they work and how you build and test them. It's a powerhouse with over 200 power supply circuits and circuit variations. Chapters on DC converter circuits which enable you to convert any DC input voltage to any DC output voltage. 196 pps., 151 illus. Hardbound. Only \$9.95</p> <p>O</p>	<p>MATHEMATICS UNRAVELED—A NEW COMMONSENSE APPROACH A delightful building-block approach that takes all the mystery out of math—from arithmetic to computer-age skills like probabilities, Boolean algebra and topology—and shows you how to put your new-found knowledge to practical use in a variety of real-life problems. Covers vocabulary, the new math, structures, sets, mappings, numbers and numerals, bases, the relationships of numbers, equations, mathematical truth and the real world, operators and operands, logic, puzzles (and how to make your own), statistics, probabilities, topology, plus calculus. 280 pps., 93 illus. Hardbound. Only \$9.95</p> <p>U</p>
<p>AUTOMOTIVE AIR CONDITIONING HANDBOOK—INSTALLATION, MAINTENANCE, & REPAIR A complete guide to installing, servicing, and understanding auto air conditioners...with easy-to-follow troubleshooting charts, simplified repair/installation instructions, complete schematics of the most popular units, and intelligible how-it-works explanations! This practical service manual shows you how to install just about any unit you can name...not just how to fasten down the hardware, but how to handle pressurized refrigerant, how to cut through the firewall, how to hook up the hoses and control units, how to do it all! 280 pps., 157 illus. Hardbound. Only \$9.95</p> <p>D</p>	<p>HOW TO REPAIR VIDEO GAMES This brand-new one-of-a-kind repair manual is designed to teach you how to service virtually every video game on the market—professionally, confidently. There is clear-cut, usable data on all the most popular models produced by the leading manufacturers—RCA, Magnavox, Radio Shack, Midway, Heath, Atari, and Bally. Data on everything from the most elementary video pinball games to those multi-chip, superintricate programmables. Clear, clean illustrations supplement the text so that there's no confusion. 270 pps., 182 illus. Hardbound. Only \$9.95</p> <p>J</p>	<p>BEGINNER'S GUIDE TO MICROPROCESSORS Everything you need to know to get started with microprocessors and personal computers, from the very basics to their internal architecture, from programming to interfacing with the outside world, including how to select your own computer system. Contains every bit of essential info needed to fully understand microprocessors...all the theory, all the programming techniques, all the hardware, all the practical applications. It uses a step-by-step, building block technique that is your key to quickly and easily learning about microprocessors. Assumes absolutely no prior knowledge of the subject. 182 pps., 106 illus. Hardbound. Only \$8.95</p> <p>P</p>	<p>THE COMPLETE HANDBOOK OF ELECTRICAL & HOUSE WIRING A GIANT 476-page guidebook that shows you how to plan and install all types all types of electrical wiring—including intercoms, hi-fi systems, antennas, appliances, telephones, and security systems. It's a complete 14-Chapter manual on electrical wiring that shows you how to wire anything—from a junction box to a complete home audio system—and it covers just about every phase of the subject: new and old homes, offices, workshops, recreational facilities, appliances, electrical codes, engineering and troubleshooting systems, and a lot more! 476 pps., 197 illus. Hardbound. Only \$10.95</p> <p>V</p>
<p>—SPECIAL ON SALE— LISTS FOR \$16.90—NOW ONLY \$12.95</p> <p>IC FUNCTION LOCATOR A versatile new four-way, six-section cross-reference index that lets you classify and identify thousands of different ICs made by 40 manufacturers, so you can easily select the right IC for a specific job, or quickly determine an IC's function and manufacturer. 224 pps., 28 illus. Hardbound.</p> <p>TOWER'S INTERNATIONAL FET SELECTOR Substitutes, specs, applications, and manufacturers, case outlines, lead location drawings, and operating parameters for thousands of popular U.S., European, British and Japanese made FETs. 140 pps. Leatherette. Only \$12.95</p> <p>E</p>	<p>ISD RALLYING WITH A PROGRAMMABLE CALCULATOR Here are fast and accurate time-speed-distance answers for rally navigators using easy-to-program calculators. This veteran rally navigator gives you easy-to-follow, step-by-step instructions on how to use two types of programmable calculators for navigation and scoring. Included are detailed programming and operating instructions for the Hewlett-Packard HP-25 and similar Reverse Polish Notation (RPN) types and the Texas Instruments SR-56 and similar Algebraic Notation (AN) types. You get plenty of ready-made programs, too—navigation programs, scoring programs, and special-purpose programs—programs to fit the rally. 224 pps., 7 illus. Hardbound. Only \$8.95</p> <p>K</p>	<p>—SPECIAL ON SALE— LISTS FOR \$9.95—NOW ONLY \$7.95</p> <p>HOW TO BUILD LOG END HOUSES Here's a complete guide to mastering the art of stovewood masonry, to building your own inexpensive but surprisingly handsome log-end dream house! Stovewood masonry is an old technique that's coming back for all the right reasons. It's a simple method of building sturdy house walls by laying up log-ends in masonry, just as you would lay up stones. It's a way of building walls that endure, walls that insulate against the worst of winters, walls that have all the eye appeal you could want. 127 pps., 81 illus. Hardbound. Only \$7.95</p> <p>Q</p>	<p>MINIPROCESSORS: FROM CALCULATORS TO COMPUTERS The computer hobbyist's machine-language hybrid calculator/computer book...shows you how to use, build, design, repair, troubleshoot, program, and customize your own calculators! Shows you how to start with a few easy-to-obtain calculator chips and gradually construct any kind of superbrained, specialized calculator you want, it shows you all you need to know to troubleshoot calculators, repair them, add on memory capabilities, install programming circuit functions, test out calculator circuits, put in LS programmers, work with memory buses, etc. 196 pps., 67 illus. Hardbound. Only \$9.95</p> <p>W</p>
<p>HOW TO MAKE YOUR OWN CAMPING & HIKING GEAR A complete 448-page handbook that shows you how to design, customize, and make your own sleeping bags, bedrolls, tents, backpacks, foul weather clothing duffel bags, portable stoves and kitchens, lanterns, coolers, survival kits, and other outdoor gear. With this new book you can work out your own designs to your own specifications and needs—and then make all the superdurable equipment you need yourself...at big savings! Everything you need to know is here...step-by-step instructions, detailed guidelines, directions on design, construction techniques, a detailed course in tools and materials, etc., to make the job easy and fun to do. 448 pps., 358 illus. Hardbound. Only \$12.95</p> <p>F</p>	<p>CUSTOMIZING YOUR PICKUP An imaginative, step-by-step guide to transforming your pickup into a high-riding off-roader or a nostalgia truck with all the tricks or a customized, superized street wagon...with complete instructions on everything from converting to 4WD to spraying on way-out murals to installing a shag carpet! The author—a test/racing driver and senior editor of Hot Rod magazine—gives you all the tricks, all the time-and-money-saving shortcuts to put new life into your old bomb. Whether your pickup's full-size, mini, or 4WD, with this book's countless fresh new ideas you can transform it into a classic you'll be proud to drive. 168 pps., 189 illus. Hardbound. Only \$8.95</p> <p>L</p>	<p>—SPECIAL ON SALE— LISTS FOR \$14.95—NOW ONLY \$11.95</p> <p>HOW TO BUILD SHAKER FURNITURE A beautifully illustrated guide to building magnificent Shaker-style furniture—rocking chairs, tables, desks, grandfather clocks, trundle beds, settees. There's more to Shaker furniture than just history: there's the integrity of a style that's in harmony with natural material, there's permanence, there's beauty and visual delight—an unadorned purity of line, a simplicity of form, a stunning emphasis on wood, a respectable utility. It's a book for beginners as well as for experienced craftsmen. 208 pps., 459 illus. Hardbound. Only \$11.95</p> <p>R</p>	<p>MICROPROCESSOR PROGRAMMING FOR COMPUTER HOBBYISTS A unique programming manual that takes you right from the very basics up to state-of-the-art capabilities with enough detail on intermediate and advanced techniques for programming and data structuring to satisfy a working professional programmer. Covers programming arithmetic operations, base conversion, data structures ranging from simple lists and arrays through stacks, queues, deques, strings, trees, graphs...right up through the most supercomplex multiple-linked chains, for "string variables" as well as for ordinary numbers, "list processing," and sorting techniques, etc. 378 pps., 219 illus. Hardbound. Only \$12.95</p> <p>X</p>

time-saving TAB volumes—on FREE 10-day Trial!

BUILD YOUR OWN WORKING ROBOT
Complete instructions—plans, schematics, logic circuits, and wiring diagrams—for building Buster, the most unique pet in the world! Not for novices, Buster is a sophisticated experiment in cybernetics. The first-phase robot, Buster I, is "leashed" and dependent on his master for decision-making. Buster II has a basic brain; equipped with a wireless mike, he can enter a room and talk with the occupants. Buster II responds when called, and when "hungry" finds his charger, and plugs himself in. Watch his personality evolve in a learning experience unparalleled in electronic construction. 238 pps., 117 illus. Hardbound. **Only \$8.95**
Y

THE HANDBOOK OF TELEPHONES & ACCESSORIES
Now, you can own your home and business telephone equipment. And here's the book that tells you how to buy, install, use, maintain and repair telephone equipment like answering devices, automatic dialers, amplifiers, portable radiotelephones and other accessories. With this book you'll learn how to buy, install, use and maintain telephone equipment—extensions, answering machines, automatic dialing units, amplifiers, dial to touch-tone converters, recorders, home security devices radiotelephones, and other unique, clever and practical accessories, including computer age applications of telephone equipment. 432 pps., 215 illus. Hardbound. **Only \$14.95**
EE

PILOTING/NAVIGATION WITH THE POCKET CALCULATOR
Now your calculator becomes a minicomputer that will help you work celestial problems in 2 minutes, pilot inshore waters, save fuel, cope with currents, compute bearings & distances, identify stars and planets, and calibrate your compass. For the first time, space-age technology and modern programmed learning methods have been applied to the problems of small boat navigation. Everything you need to know about piloting and navigation is here, whether you're going across the lake or around the world. It's a hook for people who'd rather sail than spend time studying navigation. 406 pps., 338 illus. Hardbound. **Only \$12.95**
JJ

SWITCHING REGULATORS & POWER SUPPLIES
Thoroughly explains how the new switching-type supplies work, their theory and design principles, explains the types of semiconductors and components they use, and provides many circuit schematics to illustrate practical, useful designs that you can use to design and build your own superefficient DC/DC, AC/DC, DC/AC, and AC/AC supplies for every possible application! Switching-type supplies are based on an entirely different principle—regulation through controlled switching. An "ideal" switch doesn't dissipate any power at all, and a modern switching-type power supply comes pretty close to this ideal! 252 pps., 128 illus. Hardbound. **Only \$9.95**
PP

57 PRACTICAL PROGRAMS AND GAMES IN BASIC
57 of the hardest working, most enjoyable BASIC programs you've ever seen...everything from space war games to blackjack, from craps to I Ching, from arithmetic progression to statistical permutations to one-arm bandits! It's an easy-to-use manual that gives you 57 different Simplified BASIC programs. You can program your minibrain for all kinds of fun and games, or for figuring compound interest, calculating depreciation, plotting curves, solving quadratic equations, tackling geometric problems, geometric mean functions, interpolation functions, pi-network impedance matching functions, Gaussian probability functions, etc. 210 pps., 64 illus. Hardbound. **Only \$10.95**
Z

HOW TO CONVERT YOUR CAR, VAN, OR PICKUP TO DIESEL
A complete guide to buying and installing a diesel replacement for a gasoline engine. Replacing a gasoline engine with a diesel makes more sense today than ever—diesels give better fuel economy, require less maintenance, are extremely clean, and have a longer life. Drawing on actual experience, author Dempsey shows you how to do it at nominal cost (around \$1000 for a used and less than \$3000 for a new engine): how to buy a new or used diesel engine, how to prepare for the installation, what pitfalls to avoid, how to rebuild a used engine, and how to get it up and running. 210 pps., 166 illus. Hardbound. **Only \$9.95**
FF

PROGRAMMING MICROPROCESSORS
A practical and comprehensive new guide to microprocessor architecture and programming, including fixed-point and floating-point arithmetic, data exchange with peripherals, flow-charting, assemblers, compilers, and other programming aids. Here's a book that bridges the gap between elementary microprocessor programming techniques, and the more sophisticated routines now available. Covers FORTRAN, MPL, and PL/1, the Rockwell PPS-4, Motorola M6800, and Intel 8080, 280 pps., 105 illus. Hardbound. **Only \$9.95**
KK

THE WOODWORKER'S BIBLE
A complete 420-page guide to ALL woodworking. Includes: Hand and power tools, joints, carving and turning, finishing wood, etc. If it can be made from wood, you'll learn how to go about doing it from master craftsman Blandford. Contains more useful information, more hard facts, more practical hands-on data about woodworking than can be imagined. It's more than a mere how-to book...it's an encyclopedia of "how-to-do-it" techniques that makes it possible for even beginners to duplicate almost any wooden article. One of the most thorough coverages of the subject available in a single volume. 420 pps., 1151 illus. Hardbound. **Only \$10.95**
QQ

ADVANCED APPLICATIONS FOR POCKET CALCULATORS
Shows you what to do with your calculator after you've performed the simple calculations found in most instruction manuals. Emphasis is on new and unique applications which allow you to tap the full potential of your unit. Shows you how to turn an elementary 4-function calculator into an electronic slipstick and perform "scientific" computations. Completely covers the use and operation of electronic slide rule (scientific) calculators, programmable units, metric calculators, and the most advanced business types. All are fully explained—and illustrated with literally hundreds of tables that show what keys to punch, when to punch them, and what you'll see. 304 pps., 275 tables and illus. Hardbound. **Only \$8.95**
AA

—SPECIAL ON SALE—
LISTS FOR \$23.90—NOW ONLY \$17.95
COMPLETE LIBRARY OF LOG CONSTRUCTION & TIMBER FRAMING
Two complete books in one—a GIANT 384-page course in learning the techniques and methods used by master carpenters to design and construct sturdy, long-lasting houses and structures. The authors show you how to custom-design your own house, use carpenters' tools, get the materials you'll need, lay a solid foundation, erect a house frame, build weather-tight walls, lay every board, and slap on every shingle! **THE TIMBER FRAMING BOOK** shows you how to build your own New England timber-frame house, a strong, elegant structure if there ever was one! Step-by-step instructions tell you how to plan your home from top to bottom. 176 pps., 457 illus. Hardbound. **IN HARMONY WITH NATURE. CREATIVE COUNTRY CONSTRUCTION**
A beautifully illustrated handbook of log construction and living close to the land. It's a complete step-by-step guide to how to build eight different houses (including an Olde European Exposed Beam house), 2 kinds of barns, and a super-efficient sauna—plus a load of other homestead necessities like fences, gates, fireplaces, wells, bridges, feeders, root cellars, workshops, holding gates, fireplaces, wells, bridges, feeders, root cellars, workshops, holding pens, shingles, masonry structures, and dumbwaiters. 208 pps., 388 illus. Hardbound. **Only \$17.95**
GG

THE HANDBOOK OF SOLAR FLARE MONITORING & PROPAGATION FORECASTING
A detailed, step-by-step guide to designing, building, setting up, and operating your own solar flare detection station! Solar flares can influence earth weather, disrupt the ionosphere, and distort radi signals. And that means the monitoring and studying of solar flares can be pretty darned interesting—and important. So here's the authoritative manual that shows you how to set up your own automatic solar flare detection/monitoring station for as little as \$100, how to build or buy (new or surplus) all the flare monitoring equipment you'll need, how to set up operation. 196 pps., 89 illus. Hardbound. **Only \$9.95**
LL

HOW TO REPAIR MOVIE AND SLIDE PROJECTORS
An upto-the-minute guide to servicing virtually every projector on the market—8 mm, 16 mm, 35 mm, slide machines, filmstrip viewers, overheads, and opaques. A virtual necessity for anyone who wants to know about projectors—what they can do, how they operate, and how they are maintained. There is precise servicing data on specific name-brand projectors, and complete advice on how to test equipment, how to splice film, and how to properly maintain bulbs and lenses. The author shows you how to repair, troubleshoot, or replace every major component. 304 pps., 270 illus. Hardbound. **Only \$12.95**
RR

THE COMPLETE HANDBOOK OF LOCKS AND LOCKSMITHING
Here's a thorough step-by-step course in ALL the techniques and skills of the locksmith's craft...that shows you how to service ANY lock, how to cut ANY key! It's written for beginners, and it teaches you all the skilled, practical know-how of the professional locksmith. It starts with the basics, and it covers the whole field of locksmithing, from the simplest to the most sophisticated protection devices. You learn how to cut keys, decode lock codes, masterkey, extract broken keys, change lock combinations, repair lock mechanisms, and how to open locks. 392 pps., 200 illus. Hardbound. **Only \$10.95**
BB

THE COMPLETE HANDBOOK OF LAWNMOWER REPAIR
More than a service manual, this huge 434 page volume is the most complete guide to making just about any repair on any power mower ever made! And every repair is described in such painstaking detail there is simply no way to go wrong! A comprehensive troubleshooting section tells just what to do about refusal to start, engine missing, lack of power, refusal to idle, excessive smoke, mower and engine vibration, and a multitude of other ills. Completely covers electrical and fuel systems, all kinds of carbs, manual and electric starters, battery charging systems, and electric mowers, including cordless. 434 pps., illus. Hardbound. **Only \$9.95**
HH

HANDBOOK OF MARINE ELECTRONIC & ELECTRICAL SYSTEMS
The A-to-Z handbook on installing, maintaining, and repairing every possible marine electrical/electronic device. This 546-page in-depth handbook completely covers this subject—all the marine electrical/electronic gear used for navigation, communications, soundings, and on-board comfort, convenience and entertainment—everything from SSB radios to electric galley stoves to autopilots to radar and sonar! It shows you how to install sophisticated navigation gear, troubleshoot electrical circuits, operate marine communications equipment, maintain cabin air conditioners. 544 pps., 388 illus. Hardbound. **Only \$14.95**
MM

THE COMPLETE BOOK OF PUBLIC ADDRESS SOUND SYSTEMS
A fresh, comprehensive manual that tells you how to evaluate, install, design, and refine PA systems of all kinds—for schools, churches, halls, auditoriums; wherever quality sound is important. Detailed data on every piece of PA sound gear you'll ever encounter—how it is built, how it works, and how it should be installed to insure optimum performance. The complexities of sound theory are clarified, including the principles of sound radiation, the audible spectrum, hearing acuity, wavelength, feedback, frequency, and much more. 272 pps., 146 illus. Hardbound. **Only \$10.95**
SS

SUPER VANS
A SUPER guide to all the SUPER techniques of the van SUPER pros...plus a full-color section showing some of the sharpest customized wagons you've ever seen! Here's a whole book of new tricks, new ideas, new techniques, and new technologies for turning those steel boxes into unique, personalized, dream ships. This specially prepared collection contains literally thousands of the hottest customizing technologies, innovations, shortcuts and ideas available anywhere. Off-road vans, those hiding wagons that are part mountain goat and part pack mule, get special treatment in this volume. 168 pps., incl. 8-page full-color Section. 227 illus. Hardbound. **Only \$8.95**
CC

THE COMPLETE HANDBOOK OF LAWNMOWER REPAIR
More than a service manual, this huge 434 page volume is the most complete guide to making just about any repair on any power mower ever made! And every repair is described in such painstaking detail there is simply no way to go wrong! A comprehensive troubleshooting section tells just what to do about refusal to start, engine missing, lack of power, refusal to idle, excessive smoke, mower and engine vibration, and a multitude of other ills. Completely covers electrical and fuel systems, all kinds of carbs, manual and electric starters, battery charging systems, and electric mowers, including cordless. 434 pps., illus. Hardbound. **Only \$9.95**
HH

HEARING AID HANDBOOK
A complete guide to selecting, fitting, using, maintaining, and servicing all types of hearing aids and amplification devices. It's an intensive, comprehensive manual on the theory, operation, construction, and servicing of every hearing amplification device on the market. Includes the new, special amplification devices, implantable hearing aids, telephone adapters, etc. The Chapter on hearing-aid servicing gives you thorough analyses of breakdowns, lots of troubleshooting tips, detailed schematics, and a guide to special testing procedures and circuit analysis. 336 pps., 224 illus. Hardbound. **Only \$12.95**
NN

—SPECIAL ON SALE—
LISTS FOR \$16.90—NOW ONLY \$12.95
BUILD-IT BOOK OF SOLAR HEATING PROJECTS
A do-it-yourselfer's "hands-on" guide to designing, building, and installing a fuel- and money-saving solar heating system, this comprehensive new handbook answers your every question about solar heat for your home. 196 pps., 111 illus. Hardbound.
HOMEOWNER'S GUIDE TO SOLAR HEATING & COOLING
Do-it-yourself advice on purchasing, installing, and maintaining solar heating/cooling/hot water systems. This new no-nonsense guide covers installation procedures for a new home and conversion applications for an existing home. 196 pps., 113 illus. Hardbound. **Only \$12.95**
TT

ROOF FRAMING
How to put up ANY kind of roof—gambrel, turret, semicircular, octagon, gothic, polygon, and flat—on ANY kind of structure...houses, barns, porches, out-buildings, etc. Teaches you all the proven techniques of roof construction. You learn how to layout any roof with only a steel square and a compass, and how to compute lengths and spans, figure loads and stresses, locate beams, build your own trusses, install dormers, use various rafter patterns, choose a workable roof pitch, position collar beams, cut, fit, and install shingles, and how to do hundreds of other things that journeyman carpenters have been doing for years. 168 pps., 437 illus. Hardbound. **Only \$8.95**
DD

STREAMLINING & CAR AERODYNAMICS
For the design buff and driving enthusiast who wants the absolute latest on airflow and drag, and the use of fins, wings, spoilers, etc., plus the history of streamlining and car architecture. The illustrations alone in this book make it an extraordinary and revealing compendium of what's wrong and some of the remarkable things that have been right in car design. The author reveals an ingenious and accurate method to determine how well—or how poorly—more than 100 different car models identified by name are streamlined. Some of the illustrations are shocking in their modernity. And nearly all have been forgotten until the last half dozen years. 128 pps., illus. Hardbound. **Only \$6.95**
II

HOW TO WRITE, DIRECT & PRODUCE EFFECTIVE BUSINESS FILMS & DOCUMENTARIES
From one who has been successful in over 200 attempts, here's a compelling, entertaining, behind-the-scenes examination of everything involved in writing, directing and producing effective business films and documentaries. Learn how to make contact with potential clients, how to approach a problem, what to ask about and what to ask for. The author tells how to develop the vital client relationships—and how to establish fees for the work! Every step is clarified: researching, interviewing, treatment or outline, writing, photography and dialogue. 280 pps., 32 illus. Hardbound. **Only \$14.95**
OO

TREASURE HUNTER'S HANDBOOK
A complete how-to guide to treasure hunting—where to look, how to find and evaluate treasures, where to sell them for top money—using everything from metal detectors to depth sounders and gold pans! Whether you live in the city or on the beach or in the mountains, you can bet there are treasures that are fun to find and worth hard cash. And here's the book that can show you how to find them, how to assess their value, and how to sell them for top money! You learn how to use all kinds of treasure-hunting gear to track down valuables that could be worth hundreds of dollars—old coins, antique bottles, war relics, priceless fossils, even gleaming gold! 196 pps., 64 illus. Hardbound. **Only \$8.95**
UU

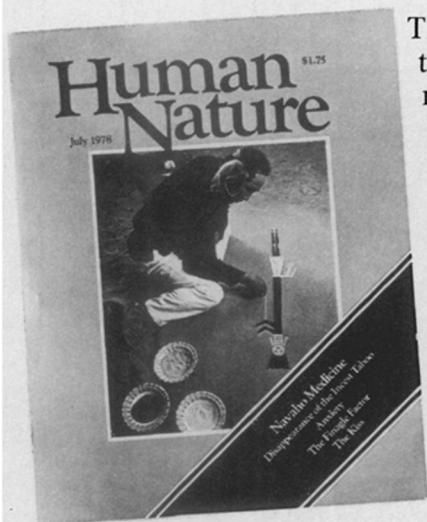
To order any of these books circle appropriate letter on reader service card.

The choice for people who need to keep up with the human sciences.

This:

Current Anthropology	Scientific American	American Ethnologist	Daedalus	Cancer
Medical World News	Language	Immunology	American Journal of	Chest
Behavior Today	Journal of Abnormal	The Lancet	Occupational Therapy	Clinical Medicine
American Psychologist	and Social Psychology	Epilepsia	World Health	Family Practice News
New Scientist	Smithsonian	American Journal of	Hospital Practice	Geriatrics
Journal of American	Africa	Clinical Pathology	American Heart Journal	Medical Digest
Folklore	Journal of the American	American Journal of	The American	Journal of Pediatrics
National Geographic	Medical Association	Diseases of Children	Psychologist	Modern Medicine
Natural History	Harvard Educational	Journal of Social	American Review of	Life and Health
Prevention	Review	Problems	Respiratory Disease	The Nation's Health
American Heritage	Psychology Today	American Journal of	Anesthesiology	Family Health
Horizon	New England Journal	Medicine	Annals of Internal	American Sociological
Archives of Environ-	of Medicine	British Medical Journal	Medicine	Review
mental Health	Human Evolution	Nature	Archives of Dermatology	American Journal of
Medical Dimensions	Journal of Clinical	Science	Archives of Surgery	Sociology
Fertility and Sterility	Ultrasound	The Sciences	Bacteriological Reviews	Mosaic...

or this:



There are scores of journals that specialize in a science. But now for the first time, you can get a perspective on all the human sciences in a magazine that finds and publishes the latest information in these related fields.

Month after month, Human Nature gives you the best people in biology, genetics, psychology, linguistics, sociology, religion, education, health and medicine, paleontology, ecology, anthropology and cultural evolution.

You'll find fascinating articles such as *Divided Attention*, *Determinants of Health*, *Hypnosis and Consciousness*—and the latest thinking of scientists, including Robert Ornstein, Lewis Thomas, Rene Dubos and Jerome S. Bruner.

Human Nature—enormously intelligent, thoroughly literate, scientifically accurate, and illuminated by images of startling beauty and clarity.

Discover the riches of Human Nature

Join us now as a Charter Subscriber and save \$6 off the newsstand price. We'll bill you just \$15 for 12 monthly issues and guarantee you a full refund at any time.

Charter Subscription Order

ML3H

Please enroll me as a Charter Subscriber and bill me \$15 for the year (12 monthly issues). I understand that I may cancel my subscription at any time during the year and receive an immediate, unquestioned refund of my full subscription price.

NAME _____ (Please Print)

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Mail to: Human Nature, P.O. Box 10702, Des Moines, IA 50340

Add \$3.50 for Canadian, \$7.00 extra for foreign subscriptions per year (surface mail) and enclose payment. Please allow 6-8 weeks for receipt of first issue. An affiliate of Harcourt Brace Jovanovich, Inc.