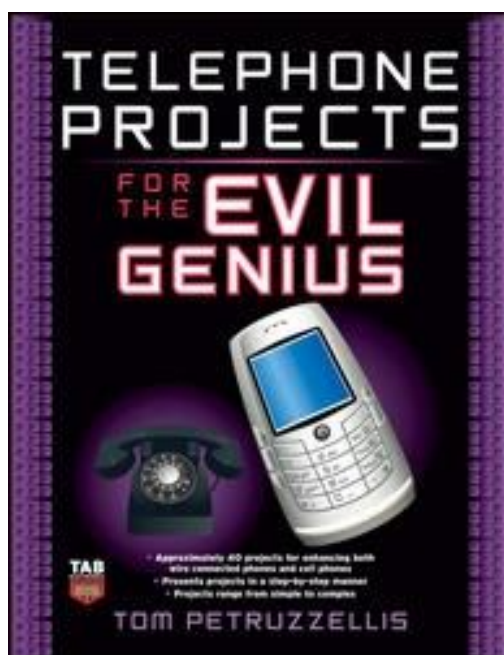


# Telephone Projects for the Evil Genius: 1st Edition

By Thomas Petruzzellis



ISBN:	9780071548441	Pub Date:	October 2008
Prev ISBN:	None	Pages:	416
EAN:	9780071548441	Illus:	2
UPC:		CDROM:	no
Price & Disc:	AUS \$ 42.95 NZ \$ 47.00	Trim & Binding:	21.6 X 27.6 cm Softcover
Series:	Evil Genius	Subject:	Electrical & Electronics Engineering

All information is subject to change without prior notice.

## The Market

- Electronic enthusiasts, electronic technicians, engineers, beginning electronic neophytes, those interested in telephones and all the possible applications for it.

## Key Features and Benefits

- Tom Petruzzellis is a bestselling McGraw-Hill author who is well-known among electronics enthusiasts
- The book is filled with practical time- and money-saving projects.

## About the Author

**Tom Petruzzellis** is an electronics engineer in the geophysical field equipment department at SUNY-Binghamton and the author of numerous McGraw-Hill bestsellers, including *Electronic Sensors for the Evil Genius*.

## Brief Table of Contents

Install components and building circuits  
How to Solder  
Phone line tester  
Telephone line monitor  
Telephone line simulator  
Detecting a telephone RING circuits  
Ringing phone light flasher  
Cut phone line detector  
Simple Phone Tap  
Telephone amplifier  
Telephone hold button  
Telephone hold box with music  
Telephone In Use (BUSY) LED Indicator  
Telephone In Use (BUSY) relay control circuit  
Telephone audio interface  
Phone patch/mixer for radio applications  
Telephone recording adaptor circuit

## Book Description/Additional Information

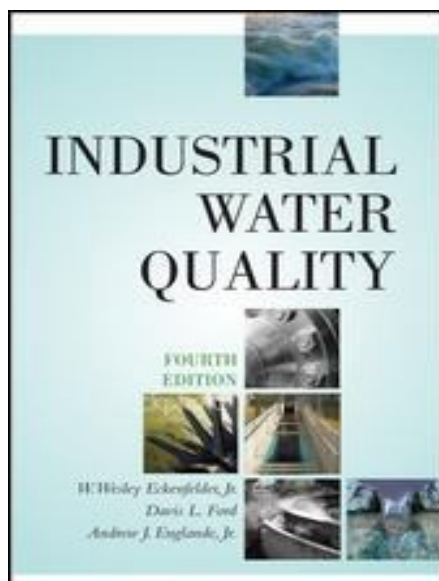
**A collection of 40 fun phone projects for electronics hobbyists and telephone enthusiasts to build and customise**

The telephone is one of the most ubiquitous items in the world today, and the need for add-ons, gadgets, phone tools, and peripherals is greater than ever. *Telephone Projects for the Evil Genius* contains 40 projects for both wire-connected phones and cell phones that save money, optimise time, and improve the quality of life. The book explains projects in a step-by-step manner, providing lists of parts, detailed schematics, charts, and tables to help ease the process.

Best-selling electronics author Tom Petruzzellis starts with a discussion of the history and background of the land-line telephone and the development of the cell phone, covering basic building techniques such as how to install components and how to solder. He then presents projects, ranging from simple to complex, that include a ringing phone light flasher... telephone amplifier... telephone ring controlled relay... touch tone generator... telephone auto-dialer... telephone intercom... phone voice changer... voice stress monitor... caller ID decoder project... and much more.

# Industrial Water Quality: 4th Edition

By W. W. Eckenfelder, Jr., Davis L. Ford,  
Andrew Englande, Jr



ISBN:	9780071548663	Pub Date:	October 2008
Prev ISBN:	0070393648	Pages:	896
EAN:	9780071548663	Illus:	400
UPC:		CDROM:	no
Price & Disc.	AUS \$ 255.00 NZ \$ 275.00	Trim & Binding:	15.2 X 22.9 cm Hardcover
Series:		Subject:	Civil Engineering

All information is subject to change without prior notice.

## The Market

- Practicing environmental engineers, environmental attorneys, wastewater treatment plants and operators, state and federal regulators, municipalities, and industries

## Key Features and Benefits

- New to this edition: new oil, gas, and mineral cleanup procedures; new EPA regulations; new advances in water reuse and waste minimisation; new studies of remediation techniques and off-site residual disposal; new allocation methods for large industrial sites.

## About the Authors

**W. Wesley Eckenfelder, Jr.**, Ph.D., P.E., provides technical direction and management of wastewater projects at AquAeTer.

**Davis L. Ford** is president of Davis L. Ford Associates, an environmental consulting firm.

**Andrew J. Englande, Jr.**, Ph.D., P.E., is a professor in the Department of Environmental Health Sciences at the Tulane University School of Public Health and Tropical Medicine.

## Table of Contents

Source and Characteristics of Industrial Wastewater  
Wastewater Treatment Processes  
Pre- and Primary Treatment  
Coagulation, Precipitation and Metals Removal  
Aeration and Mass Transfer  
Principles of Aerobic Biological Oxidation  
Biological Wastewater Treatment Processes  
Adsorption  
Ion Exchange  
Chemical Oxidation  
Sludge Handling and Disposal  
Miscellaneous Treatment Processes  
Bibliography

## Book Description/Additional Information

**The classic guide to controlling industrial water pollution—updated with the latest regulations and new technologies**

Turn to the Fourth Edition of *Industrial Water Quality* for guidance on state-of-the-art methods for optimising or upgrading existing wastewater treatment systems, as well as selecting the best treatment options to solve specific wastewater problems. This hands-on tool reflects today's more stringent water-quality regulations and the new technologies developed to meet them. Filled with examples and case studies from a variety of industries, the book covers reverse osmosis or alternative membrane processes and discusses Biological Nutrient Removal (BNR) processes.

## Related Backlist

### Water Quality & Treatment Handbook



American Water Works  
Association (AWWA)

9780070016590/ Softcover

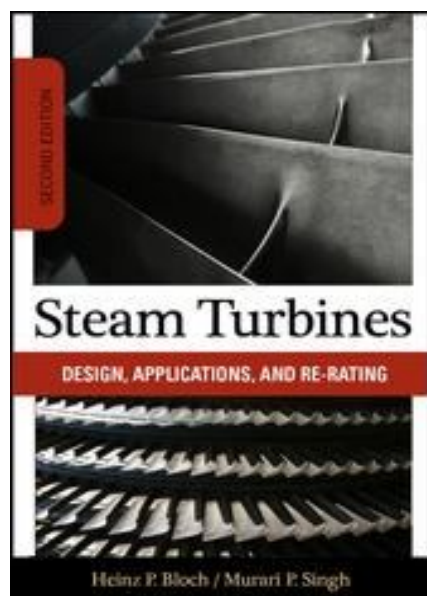
AUS \$ 278.95/ NZ \$ 340.00

Learn more.  Do more.

October 2008

# Steam Turbines: Design, Application, and Re-Rating: 2nd Edition

By Heinz P. Bloch, Murari Singh



ISBN:	9780071508216	Pub Date:	October 2008
Prev ISBN:	0070059241	Pages:	352
EAN:	9780071508216	Illus:	100
UPC:		CDROM:	no
Price & Disc.	AUS \$ 130.00 NZ \$ 145.00	Trim & Binding:	15.2 X 22.9 cm Hardcover

All information is subject to change without prior notice.

## The Market

- Mechanical engineers and students.

## Key Features and Benefits

- Written by two renowned engineers with decades of experience
- New to this edition: complete overview of the types of turbines currently available; guidance on the types of turbines utilised for the heavy process industries; details on variable speed drives and intermediate gearing; upgrading options for existing turbines.

## About the Authors

**Heinz P. Bloch** is a consulting engineer. Before retiring from Exxon in 1986 after over two decades of service, Mr. Bloch's professional career included long-term assignments as Exxon Chemical's Regional Machinery Specialist for the United States. He has also held machinery-oriented staff and line positions with Exxon affiliates in the United States, Italy,

Spain, England, The Netherlands and Japan. He has conducted over 500 public and in-plant courses in the United States and at international locations.

**Dr. Murari P. Singh** is Consulting Engineer / Probabilistic Lifting Leader of GE Oil & Gas for all products in Chief Engineers' Office. Murari has been involved in the design, development and analysis of industrial turbomachinery for more than thirty years with Turbodyne Corporation, Dresser Industries, Dresser-Rand Company and, most recently, with Safe Technical Solutions Inc., where he served as Director of Engineering Technology. Dr. Singh has extensive knowledge and experience with fatigue and fracture mechanics, stress and vibration of structures, reliability, life analysis, and probabilistic analysis. His practical application experience includes a variety of rotating equipment including warm gas and FCC expanders, steam turbines, and centrifugal compressors. He developed the widely used SAFE diagram for reliability evaluation of turbine blades. Dr. Singh has authored more than 35 technical papers on topics relating to turbomachinery.

## Book Description/Additional Information

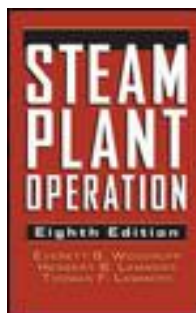
**An update of the bestselling guide to selecting, operating, and maintaining high-quality mechanical drive steam turbines for maximum efficiency and minimum downtime**

*Steam Turbines, Second Edition*, offers authoritative information on the operating characteristics, design features, reliability, and maintenance of condensing, extraction, and pack-pressure machines—impulse as well as reaction type.

This updated classic contains the latest design and manufacturing details for mechanical drive steam turbines. It also explains the arrangement, material composition, and basic physical laws governing the design of steam turbines—plus tips on selecting optimum configurations, controls, and components, and on upgrading options for existing turbines.

## Related Backlist

### Steam Plant Operation



Everett B. Woodruff

9780071418461/ Hardcover

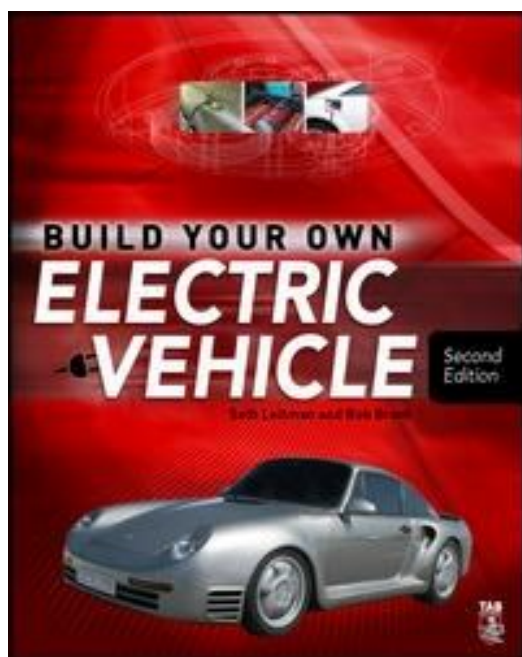
AUS \$ 125.00/ NZ \$ 150.00

Learn more.  Do more.

October 2008

# Build Your Own Electric Vehicle: 2nd Edition

By Seth Leitman, Bob Brant



ISBN:	9780071543736	Pub Date:	October 2008
Prev ISBN:	0830642315	Pages:	380
EAN:	9780071543736	Illus:	46
UPC:		CDROM:	no
Price & Disc:	AUS \$50.00 NZ \$ 60.00	Trim & Binding:	18.7 X 23.5 cm Softcover
Series:		Subject:	Electrical & Electronics Engineering

All information is subject to change without prior notice.

## The Market

- Car (especially EV) enthusiasts; readers of Electric Vehicle Web site; energy conscious and conservationists; members of the Electric Vehicle Automotive Association, Electric Drive Transportation Association, and Grassroots EV, attendees of the Electric Vehicle Automotive Association Annual Rally.

## Key Features and Benefits

- New to this edition: latest technologies, electric cars currently on the market, completely new pictures, graphs, and charts, and updated sources for parts.

## About the Authors

**Seth Leitman** is the President and Managing Member of Electric Transportation Solutions, LLC and the ETS Energy Store, LLC.

**Bob Brant** was the forward-thinking author of the now classic first edition of *Build Your Own Electric Vehicle*.

## Table of Contents

- Chapter 1. Electric Vehicles are Right for Today
- Chapter 2. EVs Save the Environment
- Chapter 3. Electric Vehicle History
- Chapter 4. The Best EV for You
- Chapter 5. Sources
- Chapter 6. Chassis and Design
- Chapter 7. Electric Motors
- Chapter 8. The Controller
- Chapter 9. Batteries
- Chapter 10. The Charger & Electrical System
- Chapter 11. Electrical Vehicle Conversion
- Chapter 12. Maximise Your Electrical Vehicle Enjoyment

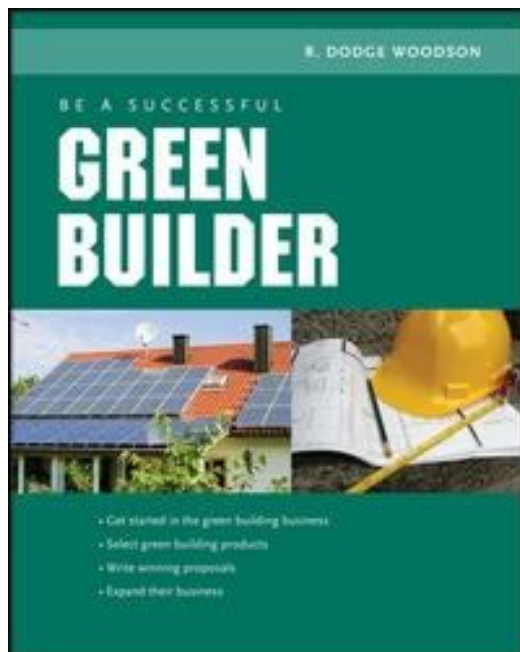
## Book Description/Additional Information

### Save money on gas and turn your car into an electric and efficient machine

What really happened to the electric car? This completely revised and updated edition of the “bible of electric car books” gives you the component-by-component coverage you need to convert your gas-guzzler to a clean-running electric powered vehicle. The book begins with a history of electric vehicles and the latest international advances in EV technology, and goes on to describe every component—from motor to chassis—showing how to put them all together to create a working vehicle.

# Be a Successful Green Builder: 1st Edition

By R. D. Woodson



ISBN:	9780071592611	Pub Date:	October 2008
Prev ISBN:	None	Pages:	352
EAN:	9780071592611	Illus:	75
UPC:		CDROM:	no
Price & Disc.	AUS \$ 55.00 NZ \$ 65.00	Trim & Binding:	18.7 X 23.5 cm Softcover

All information is subject to change without prior notice.

## The Market

- Construction managers, General contractors, Contractors' apprentices, Architects, Property and real estate managers.

## Key Features and Benefits

- A plain-English green guide for a wide range of building professionals
- R. Dodge Woodson is a bestselling McGraw-Hill author who is well-known in the building community

## About the Author

**R. Dodge Woodson** is a successful land developer and contractor and the author of numerous McGraw-Hill titles, including *Be a Successful Building Contractor, Third Edition*.

## Table of Contents

- Ch 1. Getting Started in the Business of Green Building
- Ch 2. Setting up Your Business Structure
- Ch 3. 20 Key Mistakes to Avoid When Becoming a Green Building Contractor
- Ch 4. Matching Green Projects with Suitable Locations
- Ch 5. Finding Financing the Easy Way
- Ch 6. Working From Home Versus Setting Up an Office
- Ch 7. Building on Speculation—Risks and Rewards
- Ch 8. Working with Real Estate Brokers
- Ch 9. Finding and Selecting Green Building Products
- Ch 10. Dealing with Subcontractors
- Ch 11. Preparing Winning Bids
- Ch 12. Using Sustainable Building Practices to Make More Money
- Ch 13. Growing Your Business the Smart Way
- Ch 14. Expand Into Green Land Development to Double Your Money
- Ch 15. Landscaping Tips That Sell Houses Fast
- Resource Directory:** Listing of green products, manufacturers, and suppliers
- Glossary:** Words and Terms that Describe the Green Side of the Business

## Book Description/Additional Information

**A concise, easy-to-read guide that shows contractors and construction managers how to increase profits by incorporating sustainable practices into the building process**

Smart investors and developers are learning how to use environmentally friendly techniques to reduce the impact of housing on natural areas, while increasing profitability. *Be a Successful Green Builder* shows building you how to incorporate sustainable practices into your business operations—and boost your bottom line at the same time!

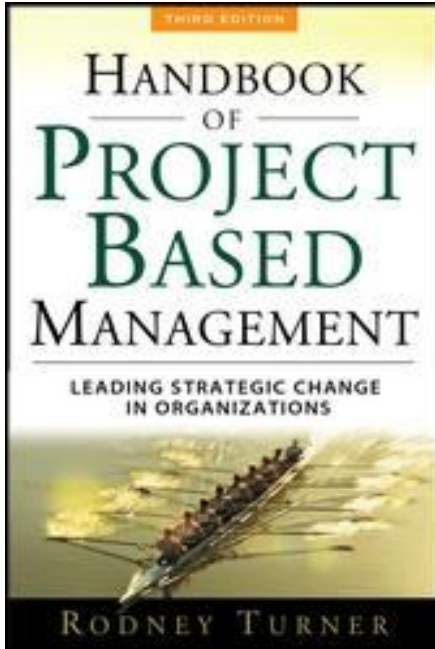
Written by successful contractor and bestselling McGraw-Hill author R. Dodge Woodson, the book explains everything from getting started in the green building business to mastering green terminology to making money with green methods. The author shows you how to select green building products... understand zoning requirements, covenants, and restrictions associated with green building... write winning proposals... and expand your business. He also reviews the 20 key mistakes to avoid when attempting to build green, and presents tips and techniques on green building, a green resource directory, and a glossary of green terms.

Learn more.  Do more.

October 2008

# The Handbook of Project-based Management: Leading Strategic Change in Organizations: 3rd Edition

By J. Rodney Turner



ISBN:	9780071549745	Pub Date:	October 2008
Prev ISBN:	0077091612	Pages:	528
EAN:	9780071549745	Illus:	121
UPC:		CDROM:	no
Price & Disc.	AUS \$ 145.00 NZ \$ 160.00	Trim & Binding:	15.2 X 22.9 cm Hardcover
Series:		Subject:	Engineering - General

All information is subject to change without prior notice.

## The Market

- Primarily a textbook for use in undergraduate PM courses taught in business schools and IT programs. Also of interest to those in the business world working as general managers and project managers.

## Key Features and Benefits

- The Second Edition sold over 16,000 copies
- Project Management is used in every business and industry worldwide
- New to this edition: new focus on achieving strategic change; new applications to different industries; shift in emphasis from administrative procedures to governance.

## About the Author

**Rodney Turner** is a Director of EuroProjex, The European Centre for Project Excellence Limited. He also teaches project management at the Lille School of Management and Limerick University. He has visiting positions at Henley Management College, the University of Technology Sydney, and George Washington University. Mr. Turner is editor of the *International Journal of Project Management* and author of *The Project Manager as Change Agent*, and *The Commercial Project Manager*.

## Table of Contents

**PART ONE: THE CONTEXT OF PROJECTS**  
**PART TWO: MANAGING PERFORMANCE**  
**PART THREE: MANAGING THE PROCESS**  
**PART FOUR: PROJECT GOVERNANCE**  
**Epilogue**

## Book Description/Additional Information

**One of the most influential books ever written on the development of project management, updated for the business realities of the 21st century** Long-established as a preeminent text and reference in the field of project management, *The Handbook of Project-Based Management* has been completely revised for a new generation of students and practitioners. This essential business tool now features a major change in focus from delivering corporate objectives to achieving strategic change, including embedding corporate change post project. Filled with the most current project management information available today, this updated classic presents a wealth of new information on the project life-cycle, together with applications to different industries. The book also provides new information on stakeholders and organisational capability.