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## Ham Radio For Dummies

*John Wiley & Sons Your how-to guide to become a ham Ham radio, or amateur radio, is a way to talk with people around the world in real-time, or to send email without any sort of internet connection. It provides a way to keep in touch with friends and family, whether they are across town or across the country. It is also a very important emergency communication system. When cell phones, landlines, the internet, and other systems are down or overloaded, Amateur Radio still gets the message through. Radio amateurs, often called "hams," enjoy radio technology as a hobby, but are often called upon to provide vital service when regular communications systems fail. Ham Radio For Dummies is your guide to everything there is to know about ham radio. Plus, this updated edition provides new and additional information on digital mode operating, as well as use of amateur radio in student science and new operating events. • Set up your radio station • Design your ham shack • Provide support in emergencies and communicate with other hams • Study for the licensing exam and choose your call sign If you're looking to join a college radio club or just want to learn the latest tips and tricks, this book is a helpful reference guide to beginners, or those who have been "hams" for years.*

## No Nonsense Technician Class License Study Guide

### For Tests Given Between July 2018 and June 2022

*Study guide for the Technician Class amateur radio license exam.*

## The Non-Nonsense, Technician Class License Study Guide

*Booklocker.Com Incorporated The No-Nonsense, Technician Class License Study Guide will help you get your first amateur radio license as quickly as possible. It not only gives you the answers to questions on the test, but also clearly and succinctly explains the concepts.*

## The ARRL Extra Class License Manual

*American Radio Relay League (ARRL)*

## The ARRL General Class License Manual

*American Radio Relay League (ARRL) This title has everything readers need to pass the general class written exam. Readers will find easy-to-understand theory and rules; the latest General class question pool (Element 3) with answer key, and detailed explanations for all questions, including FCC rules.*

## The ARRL General Class License Manual

*Amer Radio Relay League*

## Firstborn

*Del Rey The Firstborn—the mysterious race of aliens who first became known to science fiction fans as the builders of the iconic black monolith in 2001: A Space Odyssey—have inhabited legendary master of science fiction Sir Arthur C. Clarke's writing for decades. With Time's Eye and Sunstorm, the first two books in their acclaimed Time Odyssey series, Clarke and his brilliant co-author Stephen Baxter imagined a near-future in which the Firstborn seek to stop the advance of human civilization by employing a technology indistinguishable from magic. Their first act was the Discontinuity, in which Earth was carved into sections from different eras of history, restitched into a patchwork world, and renamed Mir. Mir's inhabitants included such notables as Alexander the Great, Genghis Khan, and United Nations peacekeeper Bisesa Dutt. For reasons unknown to her, Bisesa entered into communication with an alien*

artifact of inscrutable purpose and godlike power—a power that eventually returned her to Earth. There, she played an instrumental role in humanity's race against time to stop a doomsday event: a massive solar storm triggered by the alien Firstborn designed to eradicate all life from the planet. That fate was averted at an inconceivable price. Now, twenty-seven years later, the Firstborn are back. This time, they are pulling no punches: They have sent a "quantum bomb." Speeding toward Earth, it is a device that human scientists can barely comprehend, that cannot be stopped or destroyed—and one that will obliterate Earth. Bisesa's desperate quest for answers sends her first to Mars and then to Mir, which is itself threatened with extinction. The end seems inevitable. But as shocking new insights emerge into the nature of the Firstborn and their chilling plans for mankind, an unexpected ally appears from light-years away.

## The Fast Track to Your Technician Class Ham Radio License

### Covers All FCC Technician Class Exam Questions July 1, 2014 Until June 30, 2018

Createspace Independent Publishing Platform Memorizing answers is hard. Learning is easy! The Fast Track to Your Technician Ham Radio License explains the reasoning and technology behind each correct answer on the Amateur Radio exam so you'll understand and remember the subject matter. Created by an experienced ham and adult educator, it's like having your own, patient, experienced, good-humored mentor for the exam. Technician is the entry-level ham radio license that lets you operate on all ham channels from 30 MHz up, which includes the very popular VHF and UHF bands. To get your license you must pass a multiple-choice test. The Technician license test consists of 35 questions drawn from a pool of about 350. Memorizing the answers to 350 questions is difficult, but The Fast Track makes getting your license easy by explaining the logic behind each correct answer. It's simple: When you understand the material, you remember the answers and pass the test. Best of all, once you've passed your exam you'll have a solid grounding in ham radio basics. - Includes every possible question and every answer - Correct answers clearly marked in bold - Precise instructions for how to locate a testing session, how to prepare, and even what to bring -- and what not to bring -- to the test. - All technical topics explained in clear, plain language, most with illustrations - Step by step instructions to solve all the math problems, complete with exactly which keys to press on your calculator for each problem - Test taking strategies - Hints to easily solve many questions and avoid the traps in the test - Written in "learning order," not just the order of the official question bank. - Covers questions that will be used until June 30, 2018. - Nearly 300 pages packed with information

## 2014-18 Technician Class Book + Software FCC Element 2 Radio License Preparation

Book and software package for the 2014-2018 FCC Element 2 Radio License exam. Includes the Gordon West Technician Class study manual along with W5YI HamStudy software. Software offers practice exams keyed to the book. When you provide an incorrect answer, the correct answer explanation from the book appears on the screen to reinforce your learning. Software scores your results and shows where you are doing well and where you need more study. Once you start passing exams using this software, you will be ready for your actual FCC exam.

## Wireless Sensor Networks A Networking Perspective

John Wiley & Sons Learn the fundamental concepts, major challenges, and effective solutions in wireless sensor networking This book provides a comprehensive and systematic introduction to the fundamental concepts, major challenges, and effective solutions in wireless sensor networking (WSN). Distinguished from other books, it focuses on the networking aspects of WSNs and covers the most important networking issues, including network architecture design, medium access control, routing and data dissemination, node clustering, node localization, query processing, data aggregation, transport and quality of service, time synchronization, network security, and sensor network standards. With contributions from internationally renowned researchers, Wireless Sensor Networks expertly strikes a balance between fundamental concepts and state-of-the-art technologies, providing readers with unprecedented insights into WSNs from a networking perspective. It is essential reading for a broad audience, including academic researchers, research engineers, and practitioners in industry. It is also suitable as a textbook or supplementary reading for electrical engineering, computer engineering, and computer science courses at the graduate level.

## 2018-2022 Technician Class

## FCC Element 2 Amateur Radio License Preparation

*Gordon West, WB6NOA, study manual for the 2018-2022 FCC Element 2 written examination for the entry-level Technician Class license. Includes the complete FCC Question Pool along with answer explanations and illustrations to aid learning.*

## No Nonsense Extra Class License Study Guide

## For Tests Given Between July 2020 and June 2024

*Written in a "no nonsense" style, this book teaches you everything you need to know to pass the amateur radio Extra Class license exam. Chapters include: Why you should get an Extra Class license, Electrical Principles, Circuit Components, Practical Circuits, Signals and Emissions, Antennas and Transmission Lines, Radio Wave Propagation, Amateur Practices, Operating Procedures, Safety, and Commission's Rules.*

## Introduction to Instrumentation and Measurements

*CRC Press Weighing in on the growth of innovative technologies, the adoption of new standards, and the lack of educational development as it relates to current and emerging applications, the third edition of Introduction to Instrumentation and Measurements uses the authors' 40 years of teaching experience to expound on the theory, science, and art of modern instrumentation and measurements (I&M). What's New in This Edition: This edition includes material on modern integrated circuit (IC) and photonic sensors, micro-electro-mechanical (MEM) and nano-electro-mechanical (NEM) sensors, chemical and radiation sensors, signal conditioning, noise, data interfaces, and basic digital signal processing (DSP), and upgrades every chapter with the latest advancements. It contains new material on the designs of micro-electro-mechanical (MEMS) sensors, adds two new chapters on wireless instrumentation and microsensors, and incorporates extensive biomedical examples and problems. Containing 13 chapters, this third edition: Describes sensor dynamics, signal conditioning, and data display and storage Focuses on means of conditioning the analog outputs of various sensors Considers noise and coherent interference in measurements in depth Covers the traditional topics of DC null methods of measurement and AC null measurements Examines Wheatstone and Kelvin bridges and potentiometers Explores the major AC bridges used to measure inductance, Q, capacitance, and D Presents a survey of sensor mechanisms Includes a description and analysis of sensors based on the giant magnetoresistive effect (GMR) and the anisotropic magnetoresistive (AMR) effect Provides a detailed analysis of mechanical gyroscopes, clinometers, and accelerometers Contains the classic means of measuring electrical quantities Examines digital interfaces in measurement systems Defines digital signal conditioning in instrumentation Addresses solid-state chemical microsensors and wireless instrumentation Introduces mechanical microsensors (MEMS and NEMS) Details examples of the design of measurement systems Introduction to Instrumentation and Measurements is written with practicing engineers and scientists in mind, and is intended to be used in a classroom course or as a reference. It is assumed that the reader has taken core EE curriculum courses or their equivalents.*

## Arduino Projects for Amateur Radio

*McGraw Hill Professional BOOST YOUR HAM RADIO'S CAPABILITIES USING LOW-COST ARDUINO MICROCONTROLLER BOARDS! Do you want to increase the functionality and value of your ham radio without spending a lot of money? This book will show you how! Arduino Projects for Amateur Radio is filled with step-by-step microcontroller projects you can accomplish on your own--no programming experience necessary. After getting you set up on an Arduino board, veteran ham radio operators Jack Purdum (W8TEE) and Dennis Kidder (W6DQ) start with a simple LCD display and move up to projects that can add hundreds of dollars' worth of upgrades to existing equipment. This practical guide provides detailed instructions, helpful diagrams, lists of low-cost parts and suppliers, and hardware and software tips that make building your own equipment even more enjoyable. Downloadable code for all of the projects in the book is also available. Do-it-yourself projects include: LCD shield Station timer General purpose panel meter Dummy load and watt meter CW automatic keyer Morse code decoder PS2 keyboard CW encoder Universal relay shield Flexible sequencer Rotator controller Directional watt and SWR meter Simple frequency counter DDS VFO Portable solar power source*

## Ham Radio's Technical Culture

*MIT Press A history of ham radio culture: how ham radio enthusiasts formed identity and community through their technical hobby, from the 1930s through the Cold War.*

## The Hobbyist's Guide to the RTL-SDR

## Really Cheap Software Defined Radio

*Createspace Independent Publishing Platform A comprehensive guide to the RTL2832U RTL-SDR software defined radio by the authors of the RTL-SDR Blog. The RTL-SDR is a super cheap software defined radio based on DVB-T TV dongles that can be found for under \$20. This book is about tips and tutorials that show you how to get the most out of your RTL-SDR dongle. Most projects described in this book are also compatible with other wideband SDRs such as the HackRF, Airspy and SDRPlay RSP. What's in the book? Learn how to set up your RTL-SDR with various free software defined radio programs such as SDR#, HDSDR, SDR-Radio and more. Learn all the little tricks and oddities that the dongle has. A whole chapter dedicated to improving the RTL-SDR's performance. Dozens of tutorials*

for fun RTL-SDR based projects such as ADS-B aircraft radar, AIS boat radar, ACARS decoding, receiving NOAA and Meteor-M2 weather satellite images, listening to and following trunked radios, decoding digital voice P25/DMR signals, decoding weather balloon telemetry, receiving DAB radio, analysing GSM and listening to TETRA signals, decoding pagers, receiving various HF signals such as ham radio modes, weatherfax and DRM radio, decoding digital D-STAR voice, an introduction to GNU Radio, decoding RDS, decoding APRS, measuring filters and SWR with low cost equipment, receiving Inmarsat, Outernet and Iridium L-Band satellite data, and many many more projects! Guide to antennas, cables and adapters. Third Edition Released 20 December 2016.

## The Ham Radio Prep Technician Class License Manual

Everything You Need to Pass The Ham Radio Technician License Exam★ 3 Full-Length Practice Exams Exactly like the Real FCC Tests  
★★ 10 End of Chapter Quizzes for Max Understanding ★★ Access to HamRadioPrep.com's Online Course (\$25 value) ★  
HamRadioPrep.com developed a unique study system after grading hundreds of Technician License Exams through their online course. By identifying which questions students usually get wrong, and providing helpful hints to remember the correct answer, they have truly 'cracked' the Technician Exam. "I've used other sites and books, but there is no comparison to these guys. I am amazed at how easy it is to learn using their techniques." - Randy Daley, KN4QHPAA Study Guide That Actually Works: - Powerful strategies to avoid traps and beat the Technician Exam- Step-by-step problem-solving guides for the toughest question types- Key techniques that allow you to study smarter, not harder- Complete review all the FCC Element 2 Questions on the exam- We show you the easy way to master the Math questions (you can miss every single Math question and still pass!)- No Fluffy material that isn't absolutely necessary to pass the exam- Videos to teach you concepts that a book can't animate- Study on the go with your desktop, mobile, and tablet- Access to the quiz generator for unlimited practice

## Library Publishing Toolkit

IDS Project Press Both public and academic libraries are invested in the creation and distribution of information and digital content. They have morphed from keepers of content into content creators and curators, and seek best practices and efficient workflows with emerging publishing platforms and services. The Library Publishing Toolkit looks at the broad and varied landscape of library publishing through discussions, case studies, and shared resources. From supporting writers and authors in the public library setting to hosting open access journals and books, this collection examines opportunities for libraries to leverage their position and resources to create and provide access to content.

## Storm Spotting and Amateur Radio

American Radio Relay League (ARRL)

## Gray Hat Hacking: The Ethical Hacker's Handbook, Fifth Edition

McGraw Hill Professional Cutting-edge techniques for finding and fixing critical security flaws Fortify your network and avert digital catastrophe with proven strategies from a team of security experts. Completely updated and featuring 13 new chapters, Gray Hat Hacking, The Ethical Hacker's Handbook, Fifth Edition explains the enemy's current weapons, skills, and tactics and offers field-tested remedies, case studies, and ready-to-try testing labs. Find out how hackers gain access, overtake network devices, script and inject malicious code, and plunder Web applications and browsers. Android-based exploits, reverse engineering techniques, and cyber law are thoroughly covered in this state-of-the-art resource. And the new topic of exploiting the Internet of things is introduced in this edition. •Build and launch spoofing exploits with Ettercap •Induce error conditions and crash software using fuzzers •Use advanced reverse engineering to exploit Windows and Linux software •Bypass Windows Access Control and memory protection schemes •Exploit web applications with Padding Oracle Attacks •Learn the use-after-free technique used in recent zero days •Hijack web browsers with advanced XSS attacks •Understand ransomware and how it takes control of your desktop •Dissect Android malware with JEB and DAD decompilers •Find one-day vulnerabilities with binary diffing •Exploit wireless systems with Software Defined Radios (SDR) •Exploit Internet of things devices •Dissect and exploit embedded devices •Understand bug bounty programs •Deploy next-generation honeypots •Dissect ATM malware and analyze common ATM attacks •Learn the business side of ethical hacking

## No Nonsense General Class License Study Guide

### For Tests Given Between July 2019 and June 2023

The No-Nonsense series of amateur radio license study guides has become famous for helping people pass the tests. Written in a simple, easy-to-understand style, this study guide will help you upgrade to General Class in no time. This study guide covers every single question that you'll find on the test and includes the following chapters: \* Electrical Principles \* Circuit Components \* Practical Circuits \* Signals and Emissions \* Antennas and Feedlines \* Radio Wave Propagation \* Amateur Radio Practices \* Operating Procedures \* Electrical and RF Safety \* Commission's Rules

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## Practical Antenna Handbook 5/e

McGraw Hill Professional *THE DEFINITIVE ANTENNA REFERENCE--FULLY REVISED AND EXPANDED!* Design and build your own antennas with the help of this unique guide. Updated and revised to provide clear answers to questions frequently asked by hobbyists and electronics technicians, *Practical Antenna Handbook, Fifth Edition* blends theoretical concepts with hands-on experience--requiring only high school mathematics Reorganized to flow logically from broad physical principles to specific antenna design and construction techniques, the book begins by covering the fundamentals. Then the half-wave dipole is discussed both as an excellent antenna in its own right and as a conceptual tool for predicting the performance of other designs. Transmission line impedance matching techniques--and a companion Smith chart tutorial--lead into "must have" accessories for tuning, monitoring, and troubleshooting antenna system performance. Other tools, such as antenna modeling software and network analyzer add-ons for PCs and Macs, are addressed, and concluding chapters offer fresh insights into support structures and installation techniques. **NEW TOPICS COVERED INCLUDE:** Characteristics of all-driven and parasitic arrays Beverages and small MF/HF receiving loops Top-loaded shunt-fed towers and other verticals Theory and design of Yagi beams Effect of real ground on propagation and antenna patterns, impedance, and efficiency Lightning protection and four kinds of ground systems Zoning and restrictive covenants **COVERS A WIDE VARIETY OF ANTENNAS:** Dipoles and inverted-Vs Quads, delta, and NVIS loops Wire arrays (bobtail curtain, half-square, rhombic) Verticals and shunt-fed towers Rotatable Yagi beams MF/HF receiving antennas (flag, pennant, K9AY, Beverage) Mobile and portable antennas VHF/UHF/microwave antennas And many more **GO TO [WWW.MHPROFESSIONAL.COM/CARR5](http://WWW.MHPROFESSIONAL.COM/CARR5) FOR:** \* Tables of worldwide geographic coordinates and antenna dimensions vs. frequency \* Supplier updates \* Author's blog \* Additional photographs and schematics \* Links to tutorials and specialized calculators

## Base Line Training Manual

### Tactical Wisdom Series

Independently Published *The Base Line Training Manual* is the starting block of preparedness. The book details the basic steps to prepare yourself and your family to survive a Without Rule of Law Situation. The manual covers basic supply needs, preparing emergency kits, communications, fitness, and basic preparedness skills.

## Ham Radio License Manual

Amateur Radio

## Printed Circuit Board Design Techniques for EMC Compliance

### A Handbook for Designers

Wiley-IEEE Press "*Electromagnetic compatibility (EMC) is an engineering discipline often identified as "black magic." This belief exists because the fundamental mechanisms on how radio frequency (RF) energy is developed within a printed circuit board (PCB) is not well understood by practicing engineers. Rigorous mathematical analysis is not required to design a PCB. Using basic EMC theory and converting complex concepts into simple analogies helps engineers understand the mitigation process that deters EMC events from occurring. This user-friendly reference covers a broad spectrum of information never before published, and is as fluid and comprehensive as the first edition. The simplified approach to PCB design and layout is based on real-life experience, training, and knowledge. Printed Circuit Board Techniques for EMC Compliance, Second Edition will help prevent the emission or reception of unwanted RF energy generated by components and interconnects, thus achieving acceptable levels of EMC for electrical equipment. It prepares one for complying with stringent domestic and international regulatory requirements. Also, it teaches how to solve complex problems with a minimal amount of theory and math. Essential topics discussed include:* \* Introduction to EMC \* Interconnects and I/O \* PCB basics \* Electrostatic discharge protection \* Bypassing and decoupling \* Backplanes-Ribbon Cables-Daughter Cards \* Clock Circuits-Trace Routing-Terminations \* Miscellaneous design techniques *This rules-driven book-formatted for quick access and cross-reference-is ideal for electrical and EMC engineers, consultants, technicians, and PCB designers regardless of experience or educational background.*" Sponsored by: IEEE Electromagnetic Compatibility Society

## Pass Your Amateur Radio Technician Class Test the Easy

## Way 2014-2018

*Createspace Independent Publishing Platform Here's a new approach to passing the Technician Class test. The test is multiple choice and the other study guides take you through the 426 possible questions including all four answers for each question. But three out of the four answers are WRONG! You are reading 1,278 wrong answers and that is both confusing and frustrating. The Easy Way focuses only on the right answers. All Ham and no Spam. The first part is an narrative of the author's ham radio experience. Every question and answer is woven into the story and identified in bold print. The second part is a 40-page Quick Summary. It gives every question and answer, with hints and cheats to help you remember. Other study guides take over 200 pages. Which would you rather study: 40 pages of right answers or over 200 pages with three quarters of the answers wrong? Instructors: This book is perfect for review or weekend courses. Have the students read the narrative before class, then go over the concepts with them rather than slogging through all those wrong answers. You'll be done in no time and the students will be fully prepared to take their tests.*

## ARRL's Hands-On Radio Experiments

*Amer Radio Relay League*

### Prosper's Demon

*Tor.com In the pitch dark, witty fantasy novella Prosper's Demon, K. J. Parker deftly creates a world with vivid, unbending rules, seething with demons, broken faith, and worse men. In a botched demonic extraction, they say the demon feels it ten times worse than the man. But they don't die, and we do. Equilibrium. The unnamed and morally questionable narrator is an exorcist with great follow-through and few doubts. His methods aren't delicate but they're undeniably effective: he'll get the demon out—he just doesn't particularly care what happens to the person. Prosper of Schanz is a man of science, determined to raise the world's first philosopher-king, reared according to the purest principles. Too bad he's demonically possessed. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.*

## Frequency Independent Antennas

*Academic Press Frequency Independent Antennas provides a reasonably complete coverage of frequency independent antennas from its inception until the middle of 1965. Most of the contents have not previously been published, except in scattered journal articles, and some are original. The first six chapters are written at a fairly easy level—about the level of a beginning graduate student or the more advanced undergraduate. The last two chapters, which deal with solutions of Maxwell's equations, are at a somewhat higher level. The book opens with a discussion of some fundamental ideas about antennas. It shows how typical measurements can be understood in terms of classical electromagnetic theory: in other words, how to make sense of measured data, how to set up apparatus to get meaningful data, and how to test their significance. Separate chapters follow on the features of frequency independent, plane-sheet, spiral, and log-periodic antennas. Subsequent chapters discuss how the periodic structure theory provides a way of understanding the peculiarities of frequency independent antennas; and solutions of Maxwell's equations for idealized spiral and idealized sinusoidal structures.*

## RF Exposure and You

*American Radio Relay League (ARRL) Meet the FCC RF exposure regulations! It's not complicated! Learn how to operate your station safely and legally using simple step-by-step ARRL worksheets and tables.*

## Tune in the World with Ham Radio

*Amer Radio Relay League*

### The Complete Manual of Pirate Radio

## Wireless Networking in the Developing World

### A Practical Guide to Planning and Building

*Orange Groove Books Provides instructions on how to build low-cost telecommunications infrastructure. Topics covered range from basic radio physics and network design to equipment and troubleshooting, a chapter on Voice over IP (VoIP), and a selection of four case studies from networks deployed in Latin America. The text was written and reviewed by a team of experts in the field of long distance wireless networking in urban, rural, and remote areas. Contents: 1) Where to Begin. 2) A Practical Introduction to Radio Physics. 3) Network Design. 4) Antennas & Transmission Lines. 5) Networking Hardware. 6) Security & Monitoring. 7) Solar Power. 8) Building an Outdoor Node. 9) Troubleshooting. 10) Economic Sustainability. 11) Case Studies. See the website for translations, including French, Spanish, Portuguese, Italian, Arabic, and others, and additional case studies, training course material, and related information*

# The A.R.R.L. Antenna Book

## All about Ham Radio

*LLH Technology Discusses the terminology, slang, and equipment involved in ham radio, and examines hamming as both a hobby and a profession*

## HamRadioSchool. com Technician License Course 2014-2018

*NEW for NCVEC question pool July 1, 2014 through June 30, 2018! The HamRadioSchool.com Technician License Course book and free multimedia web site provides everything you need to become an FCC licensed amateur radio operator! This learning system not only offers the best exam preparation available today, it will help you to really understand ham radio so that you have the competence and the confidence to get on the air quickly! Fully illustrated and logically organized in easy-to-digest sections with a building-block learning approach, all 426 Technician exam pool questions for 2014-2018 are highlighted within a framework of explanation that uses common language, everyday analogies, and simple examples. The balance of depth with simplicity makes real learning about ham radio rewarding and enjoyable! Our free online media includes interactive section quizzes, multimedia learning supplements, interesting web links and more, to reinforce book and exam topics section-by-section and to provide practical "how to" advice on getting started in ham radio. With the book and our fully coordinated, optional iOS quizzing and practice exam mobile device app, you can study and practice questions anywhere, anytime! No matter your education or background, with HamRadioSchool.com you will ace your exam, and you will really get it!*

## Stealth Antennas

## Antenna Modeling for Beginners

*Amer Radio Relay League*

## Of Wars, and Memories, and Starlight

*Jabberwocky Literary Agency, Inc. A stunning and vibrant collection from a rising star of the genre. This collection of fourteen tales showcase the range and talent that garnered Aliette de Bodard multiple awards, from Nebulas to the Locus Award. From a dark Gothic Paris devastated by a magical war, where Fallen angels, dragons and magicians intrigue in the drawing rooms of ruined mansions; to the Vietnamese-tinged space opera universe of Xuya, where sentient spaceships become the heart and living memory of families and scholar-officials travel from planets to space stations. In the Nebula award and Locus award winning "Immersion", two women on a colonised space station grapple with loss of identity and culture. In the Hugo finalist "Children of Thorns, Children of Water", a shapeshifting dragon on an infiltration mission to a ruined mansion must rescue his partner from creepy, child-like creatures. And in "A Salvaging of Ghosts," a diver-scavenger cast off into deep spaces faces a dying midship and the ghost of her daughter. Unique to this collection is a new novella, "Of Birthdays, and Fungus, and Kindness", set in Bodard's alternative dark Paris. Praise for Of Wars, and Memories, and Starlight: "This stunning collection showcases de Bodard's lush worldbuilding, meticulous research, and emotional prose." —Library Journal (starred review) "De Bodard (The House of Shattered Wings, 2015) proves, again and again, that space opera can be intensely personal against its galactic backdrop.... The collection covers the consequences of war, survival in colonial culture, motherhood, mindships and space-travel, and aspects of grief." —Booklist*