

Zero Visibility

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Nearly ten years after the first edition of *Water-Related Death Investigation: Practical Methods and Forensic Applications*, water death cases continue to be improperly investigated. The pathologist's report can determine the cause of death as a drowning, but the manner of death is the most challenging to prove. The report will not determine if a victim jumped into the water to commit suicide, fell into the water accidentally, or was pushed in as a homicidal act. Many drowning cases do not reflect injury to the body, so evidence collected at the scene plays a vital role. The importance of an on-scene body assessment cannot be overemphasized. Often, the body evidence begins to change rapidly upon recovery and may not be present during an autopsy. Written statements on the scene are an effective tool to use to determine the accuracy of information given to arriving officers. These statements need to be written by the witnesses themselves as well as the reporting person. The "Show Me" technique can also help reveal discrepancies in a person's version of what occurred as well as aid in providing the most details to an incident as is humanly possible. This second edition includes updated information on the latest technology to assist water death investigators. Paragon Snapshot can help determine the faceless identity of skeletal remains and help locate potential suspects using the science of DNA. Drones can aid in locating missing persons as well as human remains, even months after death. Updated information is provided regarding fingerprints from submerged objects, and Carbon-14 can help determine the origin of a found corpse. Key Features: Thoroughly reviews the physiological aspects of drowning Reveals the investigative characteristics inherent to various scenes of water-related deaths Highlights certain "red flag" indicators that may point to foul play or scene staging Outlines autopsy protocols, trial preparation, and expert witness testimony Provides numerous case studies and numerous illustrations to further clarify key points presented in the text Coauthored by a Master Water Death Investigator and an experienced forensic pathologist, *Water-Related Death Investigation: Practical Methods and Forensic Applications, Second Edition* merges the essentials of evidence collection and field investigation with autopsy best practices and laboratory testing. It will continue to serve as a valuable resource for the various professionals involved in these cases.

This book constitutes the refereed proceedings of the 24th International Symposium on Distributed Computing, DISC 2010, held in Cambridge, CT, USA, in September 2010. The 32 revised full papers, selected from 135 submissions, are presented together with 14 brief announcements of ongoing works; all of them were carefully reviewed and selected for inclusion in the book. The papers address all aspects of distributed computing, and were organized in topical sections on, transactions, shared memory services and concurrency, wireless networks, best student paper, consensus and leader election, mobile agents, computing in wireless and mobile networks, modeling issues and adversity, and self-stabilizing and graph algorithms.

Lt. William Diebold served in the Army's Air Transport Command in the China-Burma-India theater of World War II and never fired a weapon in battle. Like many men who flew the Hump, he never saw on-the-ground combat, but he fought bravely by saving lives. Flyers who crossed the eastern Himalayas to keep the allied armies in China supplied with food, fuel, and weapons against Japan—preventing it from concentrating its power in the Pacific—often flew in zero-visibility, sometimes crashing into mountains or falling from the sky from Japanese Zero attacks. Those pilots who survived, Bill Diebold rescued. In *Hell Is So Green*, Diebold vividly describes the heat and stink of the jungle; the vermin, lice, and leeches; the towering mountains and roaring rivers. Rich with war slang, wisecracks, and old-fashioned phrases, his story reverberates with authenticity and represents the stories of many men that have never been told. After the author's early death, the manuscript was put away in an attic—until now. Here, from the shadows of that attic, comes a compelling story of courage under fire and heroism for the ages.

Handbook of Optical Sensors provides a comprehensive and integrated view of optical sensors, addressing the fundamentals, structures, technologies, applications, and future perspectives. Featuring chapters authored by recognized experts and major contributors to the field, this essential reference: Explains the basic aspects of optical sensors and

This collection of poems from one of Poland's major contemporary writers, Grzegorz Wróblewski, demonstrates his characteristic virtues: anthropological focus, objectivist detachment (though not without hallucinatory interference), minimalistic precision. But it also signals the presence of new elements. One of them is an extensive reliance on found language, the preferred mode of Anglophone conceptual writers, here acquiring a distinctly Eastern European flavor. Another is his candor, which teases readers with glimpses of his most private feelings. Bleak and terse, Wróblewski subjects his material to almost clinical treatment in order to better dissect and so understand the series of events that we call reality.

In 1971, Francis L. Brannigan created *Building Construction for the Fire Service*, a groundbreaking resource offering the most comprehensive knowledge of building construction available to fire fighters. With his dedication to fire fighter safety and saving lives, the legacy of Frank Brannigan continues with the sixth edition of *Brannigan's Building Construction for the Fire Service*. The Sixth Edition meets and exceeds the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) course objectives and outcomes for the Associate's Core-Level course called *Building Construction for Fire Protection (C0275)*. *Brannigan's Building Construction for the Fire Service, Sixth Edition* is an integral resource for fire officers, instructors, those studying for promotion, individuals taking civil service examinations, fire science students, and both current and prospective fire fighters. It is part of an integrated teaching and learning system that combines dynamic features and content to support instructors and to help prepare students for their career in firefighting. This new edition features: Chapter 7 Non-Fire Building Systems (new) describes several categories of non-fire systems in buildings, including electrical systems, plumbing systems, conveyances, refrigeration systems, and Ventilation (HVAC) systems, in addition to the hazards the systems pose for fire fighters. New or expanded content on: Aluminum-clad polyethylene panels Scaffolding Cranes and their use Modular construction using stacked shipping containers Light-weight wood-frame construction Fire escapes and stair design Cross-laminated timber and heavy timber construction Methods of protecting steel against fire New "green" materials and methods such as hempcrete and biofilters Structural wall framing systems with insulated studs Air-supported structures for sporting events Massive single-structure lightweight wood frame apartment buildings Firefighting recommendations in lightweight wood frame residential buildings Building construction and its relationship to flow path Historical perspective on fire resistance testing and its shortcomings Roofing material tests Safety issues of post-fire investigation of significantly damaged/collapsed buildings Scenario-Based Learning. Case Studies are found at the beginning and end of each chapter to encourage and foster critical-thinking skills. Tactical Considerations. This feature offers suggestions for firefighting, safety

concerns, and related additional material for application on the fireground. Wrap-Up. Chapter Summaries, Key Terms, Challenging Questions, and Suggesting Readings promote comprehension and mastery of course objectives and outcomes.

A collection of humorous first-hand accounts of pilot check-rides, *Does That Mean I Fail?* is geared towards both pilots and non-pilots. After years of saying, "Nobody would believe this," and "Somebody should write a book," Brooks Black finally has. *Does That Mean I Fail?* is the result of nearly 100 check-rides and the author's personal experiences. Black writes with humor and excitement, providing a unique insight into the exciting world of flight. Original.

This book is for military planners, R and D Teams, Government Contractors, Inventors, Entrepreneurs, and the next innovative Steve Jobs type to come along. This book includes articles on the following topics: Transporting Troops in the Future Military Equipment with Fuel Cell Power Dear Student of the Military Logistical Supply Chain Iranian Advanced Military Hardware Considered Spray on Dirt for Camouflage Mind Control of the Enemy Alternative Fuel Military Vehicles Considered Abatement of Enemy Convoy Computer Games, Sci-Fi, and Military Future Weapons Zero-Zero Visibility Aerial Re-Fueling Miniaturizing the Global Hawk Airborne Sample Analysis Synthetic Jet Fuel Is Harassment an Act of War? And more

This volume is the second of the series *Corollaria Crustumina* aimed at the publication of conference proceedings, doctoral theses and specialist studies concerning the Latin settlement of Crustumium (Rome) and Italian protohistory. It contains multidisciplinary papers of an international group of archaeologists discussing new fieldwork data and theories of broad relevance to Italian archaeology and with specific relevance to the study of Crustumium's settlement, cemeteries and material culture in light of the site's cultural identity.

Nathan, an EMT, tries to keep Merci, a college student, safe during a harsh blizzard night after saving her and a friend from an attempted robbery in a stranded car.

This is a must-own reference for space history buffs.

The naval aviation safety review.

At eighteen, Emerson Rosberg was poised to become an Olympic skiing sensation. Growing up in the Adirondack ski town of Lake Henry with a world-renowned ski champion for a father gave her an edge over the competition...until the day she let her ego get the better of her and made a devastating mistake that would cost her any future in the sport.

Deciding the only way to heal her shattered dreams was to run as far away from Lake Henry as possible, she settled in Los Angeles, leaving all memories of her previous life far behind. When her mother dies suddenly, Emerson is forced back to Lake Henry to take care of things, including the sale of The Lakeshore Inn. Her plan to get in and get out of that miserable town as quickly as possible is brought to a screeching halt when Cassie Prescott, the bubbly, friendly owner of a local sporting goods store, gets in the way.

Cassie's still cleaning up the debris from her last relationship, but she's instantly drawn to Emerson, despite warnings from friends and family alike. As the cold weather closes in and Emerson and Cassie's relationship heats up, one question keeps popping up for Emerson: can you really go home again?

He's given up everything to bring down Legion. Will it cost him the woman he loves? With the world reeling from Legion's latest attack, the deadly terrorist group makes a play for control of the country when Vice President Kincaid announces to the world the president is dead. Kincaid is quickly sworn in as commander in chief. Yet, the Strike Force is convinced reports of the president's death are more lies. Members of the team are dispatched to the nation's capital to find out the truth. Will they be too late to save the life of the one man in power who remains their ally? Amidst the chaos, Strike Force leader Ben Parker must choose between saving the world and saving the woman he loves. For Ben, the decision is easy. He leaves the security of the team's headquarters because he can't lose Jennifer again. He'll do everything in his power to protect her life and save their marriage. With Legion watching his every move, Ben sets out on a harrowing journey through dangerous territory to find Jennifer and bring her home. Yet, nothing prepares Ben for the depths in which Legion will go to take out every member of the Strike Force...even using one of their own against them. Jennifer Parker has made a huge mistake. Instead of staying and trying to save her marriage, she panicked and ran. Now, there are armed men watching her house, and she has only one option to live. Trust the man who broke her heart. But for Jennifer, trust is hard to give when there is so much at stake. Ben and Jennifer will be tested to their limits. Someone could pay the ultimate price to protect freedom. And with Legion coming after them full force, no one is safe. From USA Today Bestselling author Mary Alford comes a brand new series entitled *Courage Under Fire*. Be sure to read all the stories in the series. *Distant Thunder* - See how the conspiracy first began *Storm Warnings* - Prequel to Book One *Strike Force* - Book One *Zero Visibility* - Book Two *Thin Ice* - Book Three *Chinook Winds* - Book Four

This volume is an edition of the papers selected from the 13 International Conference on Advanced Robotics, ICAR 2007, held in Jeju, Korea, August 22-25, 2007, with the theme: "Viable Robotics Service to Human." It is intended to deliver readers the most recent technical progress in robotics, in particular, toward the advancement of robotic service to human. To ensure its quality, this volume took only 28 papers out of the 214 papers accepted for publication for ICAR 2007. The selection was based mainly on the technical merit, but also took into consideration whether the subject represents a theme of current interest. For the final inclusion, authors of the selected papers were requested for another round of revision and expansion. In this volume, we organize the 28 contributions into three chapters. Chapter 1 covers Novel Mechanisms, Chapter 2 deals with perception guided navigation and manipulation, and Chapter 3 addresses human-robot interaction and intelligence. Chapters 1, 2 and 3 consist of 7, 13 and 8 contributions, respectively. For the sake of clarity, Chapter 2 is divided further into two parts with Part 1 for Perception Guided Navigation and Part 2 for Perception Guided Manipulation. Chapter 3 is also divided into two parts with Part 1 for Human- Robot Interaction and Part 2 for Intelligence. For the convenience of readers, a chapter summary is introduced as an overview in the beginning of each chapter. The chapter summaries were prepared by Dr. Munsang Kim for Chapter 1, Prof.

Evaluation copies are available. Please contact textbooks@wkap.com. Provide the course number, number of students and present textbook used. *Introduction to Avionics Systems, Second Edition* explains the basic principles and underlying theory of modern avionic systems and how they are implemented with current technology for both civil and military aircraft in a clear and easy to read manner. All systems

are explained so that their design and performance can be understood and analysed. Worked examples are included to illustrate the application of the theory and principles covered. The latest developments and directions of research for future systems are included. This new second edition has approximately 25% new material and takes into account the technology developments which have taken place since the first edition was published in January 1996. The book is well illustrated with line drawings and photos, with some in colour where appropriate. Readership: Graduates (or equivalent) from a range of disciplines entering the avionics and aerospace industries. Engineers at all levels engaged in the design and development of avionic systems and equipment in the avionic and aerospace industries. Students and post graduate students taking avionics and aeronautical engineering courses. Staff in the armed services and civil airlines engaged in the support or operation of aircraft who wish to acquire a deeper understanding of the design and implementation of avionic systems and equipment.

The adventure intensifies at a breakneck pace to the shocking conclusion of the "Rio Grande Parallax" series. Impossible odds face two groups of comrades who have traveled far seeking answers to mysteries. The first company heads for the Saddle of the Mountains of the Sky while the second, a hundred miles to the west on the barren Malpais, is led by Esther. Both groups face deadly enemies and startling enigmas. Back in Rio Luna, Esther's mysterious disappearance confounds her parents and her friend, Markey. In the Valle, though, questions surrounding Don are resolved. Meanwhile, the Soreyes heap new terrors on the clanspeople. Will the travelers return in time? Facing challenges far more insurmountable than bringing down the Tower of Il Serrohe, can the hapless clanspeople dare hope for freedom?

November issue includes abridged index to yearly volume.

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