coverage of variable valve and camshaft timing designs, a review of variable displacement and variable lift engine designs currently in production, and discussion of advanced uses of on-board diagnostic scanners and digital storage oscilloscopes.

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Raspberry Pi Technology

Simon J. Cox 2018-04-03 This book is a printed edition of the Special Issue "Raspberry Pi Technology" that was published in Electronics.

Strengthening Forensic Science in the United States

National Research Council 2009-07-29 Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancement, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish national standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear, assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.