

basic education

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REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE/ NATIONAL SENIOR CERTIFICATE

GRADE 12

PHYSICAL SCIENCES: PHYSICS (P1)

NOVEMBER 2020

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Implosion L. Parker Temple, 2012-11-27 Implosion is a focused study of the history and uses of high reliability solid state electronics military standards and space systems that support our national security and defense This book is unique in combining the interdependent evolution of and interrelationships among military standards solid state electronics and very high reliability space systems Starting with a brief description of the physics that enabled the development of the first transistor Implosion covers the need for standardizing military electronics which began during World War II and continues today The book shows how these twin topics affected and largely enabled the highest reliability and most technologically capable robotic systems ever conceived This riveting history helps readers Realize the complex interdependence of solid state electronics and practical implementations in the national security and defense space programs Understand the evolution of military standards for piece parts quality and reliability as they affected these programs Gain insight into the attempted reforms of federal systems acquisition of security and defense related space systems in the latter half of the twentieth century Appreciate the complexity of science and technology public policy decisions in the context of political organizational and economic realities Written in clear jargon free language but with plenty of technical detail Implosion is a must read for aerospace and aviation engineers manufacturers and enthusiasts technology students and historians and anyone interested in the history of technology military technology and the space program Nature Sir Norman Lockver, 1940 Who's who Among Students in American Universities and Colleges Henry Pettus Randall, 1971

Psychology in Everyday Life David G. Myers,2014-01-20 David Myers briefest introduction to psychology speaks to all students regardless of their background or level of preparedness with no assumptions made in the vocabulary examples or presentation Students of all kinds are comfortable with Myers manageable chapters which include careful connections to associated visuals comparative tables and research based pedagogy For this edition there is something completely new to a Myers text David Myers personally selected new coauthor Nathan DeWall's enthusiasm for teaching and writing about psychological science makes him uniquely suited to join the worlds bestselling psychology textbook author And with about 30 more pages of coverage this edition has become an even stronger and more complete introduction to the science of psychology for courses of all kinds

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