



KWAZULU-NATAL PROVINCE  
EDUCATION  
REPUBLIC OF SOUTH AFRICA



**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 12**

**PHYSICAL SCIENCES P1 (PHYSICS)  
PREPARATORY EXAMINATIONS  
SEPTEMBER 2021**

**MARKS : 150**

**TIME : 3 hours**

**This question paper consists of 17 pages and 3 data sheets.**

# Physics Paper Grade 12 Memo

**Yicheng Fang**



## Physics Paper Grade 12 Memo:

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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

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