

ENGINEERING SCIENCE N2

SECTION 3: ENERGY AND MOMENTUM

[MEMBERS]

Name the TWO factors that the kinetic energy of the body or an object depends on.

[REVISIONS]

A ball with a mass of 10 kg is rolling down a frictionless incline of 20° . The distance from the top to the bottom of the incline is 5 m.

3.2.1 Calculate the potential energy of the ball at the top of the incline.

3.2.2 Calculate the velocity of the ball at the bottom of the incline.

ENERGY and MOMENTUM

April 2014 Engineering Science N2 Meno

**Brenda De Wet, Heinemann
Publishers, Donovan Duffield, Hannes
Du Plessis**

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Table of Contents April 2014 Engineering Science N2 Meno

1. Understanding the eBook April 2014 Engineering Science N2 Meno
 - The Rise of Digital Reading April 2014 Engineering Science N2 Meno
 - Advantages of eBooks Over Traditional Books
2. Identifying April 2014 Engineering Science N2 Meno
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an April 2014 Engineering Science N2 Meno
 - User-Friendly Interface
4. Exploring eBook Recommendations from April 2014 Engineering Science N2 Meno
 - Personalized Recommendations
 - April 2014 Engineering Science N2 Meno User Reviews and Ratings
 - April 2014 Engineering Science N2 Meno and Bestseller Lists
5. Accessing April 2014 Engineering Science N2 Meno Free and Paid eBooks
 - April 2014 Engineering Science N2 Meno Public Domain eBooks
 - April 2014 Engineering Science N2 Meno eBook Subscription Services
 - April 2014 Engineering Science N2 Meno Budget-Friendly Options
6. Navigating April 2014 Engineering Science N2 Meno eBook Formats

- ePub, PDF, MOBI, and More
- April 2014 Engineering Science N2 Meno Compatibility with Devices
- April 2014 Engineering Science N2 Meno Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of April 2014 Engineering Science N2 Meno
 - Highlighting and Note-Taking April 2014 Engineering Science N2 Meno
 - Interactive Elements April 2014 Engineering Science N2 Meno
- 8. Staying Engaged with April 2014 Engineering Science N2 Meno
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers April 2014 Engineering Science N2 Meno
- 9. Balancing eBooks and Physical Books April 2014 Engineering Science N2 Meno
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection April 2014 Engineering Science N2 Meno
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine April 2014 Engineering Science N2 Meno
 - Setting Reading Goals April 2014 Engineering Science N2 Meno
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of April 2014 Engineering Science N2 Meno
 - Fact-Checking eBook Content of April 2014 Engineering Science N2 Meno
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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