

Unit 7 Vibrations and SHM

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Giancoli Ch 11: Simple Harmonic Motion

Notes - Giancoli Ch 11 SHM

Videos

Introduction to harmonic motion...

Harmonic motion part 2 (calcul...)

Harmonic motion part 3 (no ca...)

Physics - The Pendulum (1 of 2...)

Unit 7 Vibrations and SHM

Level 0: Padawan

Conceptual Understanding

Lab: Pendulum

Discussion: Pendulum Conclusion

Simple Harmonic Motion Concept Quiz

Level 1: Apprentice

Problem Solving

Problem WS 11-A

Online Problems 11-A

Problem WS 11-B

Online Problems 11-B

Level 2: Knight

Advanced Problem Solving

Problem WS 11-C

PhET: Hooke's Law Simulation

Review Ch.11 SHM

Level 3: Master

Enrichment

Physics of Superheroes: Is Ant-Man deaf, dumb, and blind?

Discussion: Ch 9 Simple Harmonic Motion

Fun Videos: