Algebra-based Physics-1: Mechanics (PHYS135A-01): Week 6

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October 2nd - October 6th, 2017

Whittier College Department of Physics and Astronomy

WEEK 5 REVIEW

WEEK 5 TEVIEW

1. Friction
    - Normal force and friction
    - Static, kinetic
2. Drag
    - Terminal velocity
3. Restoring Forces
    - Hooke's Law
    - Young's modulus
    - Shear modulus
    - Bulk modulus

WEEK 5 REVIEW PROBLEM

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- A:
- B:
- C:
- D:

WEEK 6 SUMMARY

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1. Angular kinematics
    - Angular displacement
    - Angular velocity
    - centripetal acceleration
2. Newton's Law of Gravity and circular orbits
3. Kepler's Laws

CONCLUSION

WEEK 6 SUMMARY

1. Angular kinematics
    - Angular displacement
    - Angular velocity
    - centripetal acceleration
2. **Newton's Law of Gravity** and circular orbits
3. Kepler's Laws

ANSWERS

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