St John Baptist De La Salle Catholic School, Addis Ababa

Grade 11 Physics Midterm Prep Questions
1ˢᵗ Quarter

October, 2023

1. What are the steps in the scientific process?

2. What is the difference between something that is computationally secure and another that is information-theoretically secure?

3. When is the sum of two vectors maximum? When is it minimum?

4. A vector $a\hat{i} + b\hat{j} + c\hat{k}$ starts at the point (x_1, y_1, z_1). At what point does it terminate?

5. How do we know two vectors are parallel?

6. List some common vectors and scalars.

7. What is projection?

8. Is the scalar triple product of three vectors scalar or vector? What are its applications?