

Foundations of Empirical Sciences

1. Remember: Recall and define fundamental units of measurement for length, mass, time, and charge.
2. Understand: Explain the relationships between units and dimensions, and the concepts of time, length, and energy scales.
3. Apply: Solve problems involving nonlinear equations and elementary data statistics using mathematical modeling techniques.
4. Analyze: Critically evaluate the use of Taylor series and related approximation techniques in empirical sciences.
5. Evaluate: Assess the accuracy and limitations of mathematical models in representing real-world phenomena.
6. Create: Develop and analyze mathematical models for complex empirical problems using Taylor series and approximation methods.

Select Language 

Powered by  Google Translate

