



Physics Colloquium



Thursday, Feb 9th at 3:30 pm in SC 234

Dr. Gary A. Harris
Texas Tech University

Procedures or concepts, what does Physics expect from math?

The basic question for discussion in this colloquium will be “How should calculus be taught by the math department for students pursuing degrees in the sciences, including physics?” In particular, to what extent should calculus be taught with a focus on concepts or procedures. We will look at some published work involving engineering students in Sweden and South Africa, as well as a locally developed rubric for assessing the extent to which problems on the calculus final exams at TTU focus on conceptual or procedural understanding of the mathematics encountered in calculus

Refreshments at 3:00 pm in SC 103