

Abstract Submitted
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What is the Matter? JAMES M. ESPINOSA, Texas Woman's University, JAMES ESPINOSA¹, Rhodes College, JAMES WOODYARD, West Texas A&M University — For the past ten years, we have studied how to utilize Newtonian physics to study macroscopic and microscopic phenomena that most physicists believe necessitate the use of Einstein's theories of relativity and Quantum Mechanics. We have found other different approaches than ours also. In the spirit of awakening greater interest in diversity of ideas and also examining the philosophical underpinnings of physics, we will present a matrix classification system that will allow ease of presentation of the myriad ideas that have been used by various groups. The purpose of this talk is to show that great strides have been made by research groups in many different areas of physics without using "mainstream" physics. From our personal experience, we have seen that students become very interested in seeing these other avenues briefly described. It also is good to reexamine the basis of both relativity and quantum mechanics, which are the foundation of modern physics.

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