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Papers

246 Probing Mechanical Properties of a Spider Web Using a Simple Rubber Band Model, Hyo Seok Choi and Kyung Suk Lee
250 What Is Cosmic Inflation? Don Lincoln
255 Repurposing Concept Inventories to Help Students Find Gaps in Explanations, Tiffany-Rose Sikorski and Brandon K. Lee
259 Apparatus Named After Our Academic Ancestors—VI, Thomas B. Greenslade Jr.
262 Estimating the Refractive Index of a Hydrated Superabsorbent Polymer Sphere, Matthew Stephen Neel
266 Update on a Competency-Based Physics Course, P.-M. Binder and H. L. Blue
272 PARST Educational Tool for Planet Positioning, Arthit Laphirattanakul, Suwicha Wannawichian, and Pornrat Wattanakasiwich
278 Measuring the Expansion Coefficient of Water Using Lloyd’s Mirror, Shizhuo Luo, Minghui Ma, Zhongping Wang, Lazhen Sun, and Zengming Zhang
280 Bringing Ternary Energy Diagrams into the Mainstream, Bob Brazzle, Selena Ensalaco, Evan Roach, and Noah Bodine
284 Addressing a Sensible and Latent Heat Misconception Using an Inquiry-Based Activity, Daniel Ruben Soto
287 The First Step to Address the Teaching of Entropy, Lorena Atares, Maria Jose Canet, Macarena Trujillo, and Javier Paricio
290 Challenging ChatGPT with Different Types of Physics Education Questions, Víctor López-Simó and Mikael Frank Rezende Jr.
295 Geometrical Optics Study of the Magnifying Glass, Salvador Bosch Puig, Santiago Vallmitjana Rico, and Ignasi Juvelles Prades
299 Ultraviolet and Infrared Light Blocked by Glass? Verifying through Simple Experiments, Yi Jinn Lillian Chen, Jing-Yuan Ko, Shuo Hong Wang, Jianr-Shing Lih, Tzu-Chun Chen, and Jing-Fung Hung
302 Malus’s Law and a Dynamic Three-Polarizer System, PeiQi Li, Xun Lei, Haonan Cui, and Lu Zhao
305 Activities to Help High School Students Understand Newton’s Second Law of Motion, Joseph El-Helou and Calvin S. Kalman
308 The Takeoff of an Airliner: Is It a Good Example of Uniformly Accelerated Motion? Fabio Augusto Meira Cassaro, Luiz Américo Alves Pereira, and Luiz Fernando Pires

Columns

243 Letter to the Editor
244 Figuring Physics, 40,000-km steel pipe, Paul Hewitt
310 iPhysicsLabs Bringing CERN to classrooms: Learning about ALICE with AR and LEGO, Atakan Çoban, Aishwarya Girdhar, Max Warkentin, Christoph Hoyer, Jochen Weller, Jochen Kuhn, Stephan Koenigstorfer, Laura Fabbietti, and Sascha Mehlhase
312 Little Gems Hollow, solid, and faster-rolling cylinders, Jerome C. Licini
313 Figuring Physics, March answer, Paul Hewitt
314 Talkin’ Physics Artificial intelligence and high school physics, Alissa Sperling and James Lincoln
316 And the Survey Says … New physics bachelors and graduate study, Susan C. White
317 Fermi Questions Cats, dogs, and roll waves, John Adam
318 WebSights, Dan MacIsaac
319 Visual Physics Coffee painting, Said Shakerin
320 What’s Happening!

This Month’s Cover…

shows BICEP2 (the Background Imaging of Cosmic Extragalactic Polarization telescope) near the South Pole, which measures the polarization of the cosmic microwave background. See Don Lincoln’s article “What is Cosmic Inflation?” on page 250 for details about how BICEP2 fits into the cosmic inflation story.