

Individual Articles

Waste Materials Used in Making Mortar and Concrete Magdalena Dobiszewska UTP University of Science and Technology, Bydgoszcz, Poland.	133
Design and Construction of a Universal Testing Machine for Student Use Emily J. Donovan and James V. Masi University of Southern Maine, Gorham, Maine, USA	157
Indentation in Polymers Araceli Flores Institute for the Structure of Matter (IEM-CSIC), Madrid, Spain	173
How to Teach Students to Make a Simple Experimental Visualization of the Macroscopic Rotational Modes of Large Deformations During Pressure Forming Alexander V. Perig Donbass State Engineering Academy, Donetsk Region, Ukraine.....	193
Awareness of Materials Engineering: An Indian Culture Perspective Asit Kumar Khanra National Institute of Technology (NIT), Warangal, India	209
Forces on Straight Dislocations – Analysis With Examples Vlado A. Lubarda University of California, San Diego, La Jolla, California, USA	223
Rethinking Active Learning as a Paradigm of our Times: Towards Poeticizing and Humanizing Natural Sciences in the Age of STEM Vuk Uskoković ^{1,2} ¹ Department of Biomedical and Pharmaceutical Sciences, Chapman University, Irvine, California, USA; ² Department of Bioengineering, University of Illinois, Chicago, Illinois, USA	241
Thermoelectric Materials Witold Brostow ^a , Susmitha Sayana ^{a,b} , Jeff Sharp ^c , Alan J. Thompson ^c and John B. White ^{a,c} ^a University of North Texas, Denton, Texas, USA ^b Columbia University, New York, USA. ^c Marlow Industries, Inc., Dallas, Texas, USA.	259
Guidelines for Authors	v
Publication and Subscription Information	ix