

## Contents

<b>M. S. Wald</b>	255	Editorial
<b>L. Genalo, E. C. Roche, Jr and C. S. Slater</b>	257-258	Guest Editorial
<b>A. S. C. Fernandes</b>	259-263	Viewpoint: Perspectives for University Engagement in Continuing Engineering Education (CEE)
<b>R. A. Kline and D. M. Egle</b>	264-268	Creativity and the Undergraduate Laboratory Experience
<b>N. L. Soong</b>	269-276	Scientific Visualization Laboratory Design and the Classroom of the Future
<b>W. Lively and M. Lease</b>	277-283	Undergraduate Software Engineering Laboratory Experiences
<b>R. W. Webster</b>	284-292	A Laboratory to Improve Undergraduate Instruction in Artificial Intelligence
<b>J. Beaini and L. Althaus</b>	293-305	The Use of Digital Instrumentation and the IEEE-488 Interface in the Electric Circuits Laboratory
<b>W. D. Smith</b>	306-313	An Undergraduate Data Communications Laboratory
<b>S. Gogineni, K. Demarest and J. York</b>	314-321	Development of a Modern Undergraduate Microwave Laboratory
<b>R. Chassaing and B. Bitler</b>	322-328	Digital Signal Processing for Video Line Rate Analysis
<b>B. P. Weems, K. M. Kavi and B. Shirazi</b>	329-335	HIPP: An Honors Program in Parallel Processing
<b>W. S. Newman</b>	336-342	A New Laboratory Course in Controlled Electromechanical Dynamics: Unifying Engineering Techniques in Analysis and Synthesis
<b>A. G. Chassiakos</b>	343-349	A New Control Instrumentation Laboratory in Engineering Technology
<b>M. L. Brake, M. Lee, P. Ventzek, M. Passow and J. Pender</b>	350-357	Renovations to a Plasma Teaching Laboratory
<b>R. J. Smith, A. Akers and M. P. Gassman</b>	358-368	Fluid Power and Control: An Introduction through Laboratory Exercises
<b>M. Metghalchi and B. Natarajan</b>	369-373	Application of a Two-Dimensional Laser Doppler Velocimetry System in an Undergraduate Fluid Mechanics Course
<b>G. Selvaduray</b>	374-379	Undergraduate Engineering Ceramics Laboratory Development
<b>H. M. Guven</b>	380-389	Computerized Control and On-Line Performance Monitoring of an Instructional Mini-Steam Cycle Power Plant
<b>J. Waxman and T. Austin</b>	390-398	Computer Literacy for Non-Majors: Design and Implementation Issues for Depth and Breadth