

International Journal of Modern Engineering Research (IJMER)

Volume: 15 Issue: 5 ISSN: 2249-6645 Sep.-Oct. 2025

Contents:

Analyzing of Vibration Characteristics in Timoshenko and Bernoulli Circular Beams Using Ansys Workbench	01-11
Novel positive current output OTA-based biquad circuits	12-15
A Dynamic Model for Financial Risk Assessment in Mega Infrastructure Projects: An AI and Root Cause Analysis-Based System for Saudi Vision 2030	16-21
A novel positive current output DVCC-based biquad configuration	22-26
A Nano-DNA-Origami Probe Machine	27-35
Application of Graph Theory to Formation Control Based on Relative Position Information	36-41
Comprehensive Water Quality Assessment of the Kitchener Drain Using Standard Indices	42-49
Exploring the potential role of ginsenoside Rd in the treatment of prostate cancer based on network pharmacology	50-60
The Application of Artificial Intelligence in Root Cause Analysis of Financial Conflicts in Saudi Arabia: A Framework and Case Study Investigation to a More Effective Digital Judiciary	61-66
Proactive Defense: IT Problem Management's Strategic Role in Enhancing Data Security for Saudi Digital Projects	67-72