



Contents :

Title	01-12
Design Of A Simple Hydraulic Manipulator For Robots	13-16
Optimization And Impact Of Ternary Blended Cement On Mechanical Strength Durability And Microstructural Studies Of Concrete	17-28
Enhanced FMEA Methods For Proactive Bridge Failure Risk Analysis	29-46
Temperature Rise Associated With A Joule Heating Effect Of A Disturbed Current Density In A Plate With A Through Crack During Resistance Spot Welding	47-59
Experimental And Numerical Investigation Of Precast Box Mold Subjected To Vibration	60-66