

Table of Contents

A Framework for Adaptability, re-use and Deconstruction of Buildings, Aligned with the Principles of Circular Economy <i>Alan Martin Redmond</i>	1
Rethinking the Role of Department of Defense Architecture Framework in System-of-Systems Architecture Design <i>Zhemei Fang, Yuxuan Liu, and Jianbo Wang</i>	9
An Interference-Aware vCPU Scheduling Framework for Paravirtualized Real-Time Industrial Control Systems <i>Jessica Muller, Steven Dietrich, and Michael Massoth</i>	16
Q-Learning Performance on the CartPole Environment Under Observation Noise and Reward Variants <i>Steven Ren, Taieba Tasnim, Berkeley Wu, Mohammad Rahman, and Fan Wu</i>	23
Development of a WebRTC-Based Video Calling Application to Predict Quality of Service Patterns Using an Artificial Neural Network <i>Carlos Moreno, Ezequiel Frias, Vinod Kumar Verma, and Eric Gamess</i>	29