

## Table of Contents

Genetic Algorithm Optimization of Bi-phase Codes: Surpassing Barker Code Performance in ISAC Applications <i>Sevda Sahin and Tolga Girici</i>	1
YOLO-Based Deep Learning Models for Real-Time Volleyball Action Recognition <i>Brandon Labio and Atul Dubey</i>	8
Power Spectral Density of the Quantization Noise in Block-Floating-Point FFT <i>Gil Naveh</i>	14
Beyond Calculus: Modernizing System Modeling and Computational Methods <i>Pavel Loskot</i>	20