Table of Contents

Predicting Noise Power in Gm-C Filters Through Machine Learning  
*Malinka Ivanova*  

| FPGA-Based Obstacle Avoidance and Line Tracking System For Autonomous Mobile Robots  
*Sorore Benabid, Loic Latour, and Solene Poulain* |
|-----------------|---|

| Improving the Gradient Descent Based FPGA-Placement Algorithm  
*Tobias Thiemann, Timm Bostelmann, and Sergei Sawitzki* |
|-----------------|---|