IMPLEMENTATION AND ANALYSIS OF MODELS FOR DETECTION AND TRACKING OBJECTS IN VIDEO SEQUENCES USING DIGITAL SIGNAL PROCESSING MODULE

Summary – This paper presents the analysis of algorithms for detecting and tracking objects in video sequences using Video and Image Processing Blockset, Target Support Package, Vision Library and software Link for CCS in Matlab / Simulink environment. The rapid prototyping process of the video processing models was realized using the evaluation module EVM with the DM6437 digital signal processor.