

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.