Abstract: Problem statement: Video watermarking is well known as the process of embedding
copyright information in video bit streams. It had been proposed in recent years to solve the problem of
illegal manipulation and distribution of digital video. Approach: In this study, an effective, robust and
imperceptible video watermarking algorithm was proposed. This algorithm was based on a cascade of
two powerful mathematical transforms; Discrete Wavelets Transform (DWT) and Singular Value
Decomposition (SVD). Two different transform domain techniques showed high level of
complementary and different levels of robustness against the same attack will be achieved through
their combination. Results: The proposed algorithm was tested against imperceptibility and robustness
and excellent results were obtained. Conclusion: Experimental results demonstrate the robustness
achieved by combining the two transforms.