

Digital watermarking techniques on Audio and Video

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Abstract: This topic focuses on researching Spectral Watermarking techniques in the field of audio and video processing. To meet the requirements of copyright protection in the digital environment, the topic analyzes existing methods and implements an experimental system to ensure the stability of the watermark during signal processing. Through testing, the results show that this technique not only maintains the quality of images/audio but also effectively improves resistance to forgery. The topic aims to contribute to the development of copyright protection technology in the digital environment.

Keywords: Digital watermarking techniques, Audio and Video, Copyright protection, Signal processing, Digital fingerprinting