Digital Watermarking for Telemedicine Applications: A Review

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Abstract

Telemedicine is an emerging science that can help in solving the modern global health problems. Exchanging medical images and Electronic Patient Records (EPR) between clinicians, specialists, and radiologists provides a platform for discussing and consulting diagnostic and therapeutic problems. Using Information and Communication Technologies (ICT) in the transmission of medical information for improving healthcare access, diagnosis, and treatment requires various means for security and privacy issues, since, digital information can be easily attacked to be duplicated and manipulated. Digital watermarking is a data hiding technique which used for improving the security of various multimedia applications and extensively investigated to protect the privacy of patients through telemedicine systems. This paper aims to provide a useful preview on telemedicine and the using of digital watermarking in this field.

References


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**Index Terms**

Computer Science  Image Processing

**Keywords**
