

## A REVIEW ON WATERMARKING RELATIONAL DATABASES

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### ABSTRACT

In recent years, watermarking relational database has become a hotspot. With the rapid growth and use of internet and related technologies, especially availability of relational data over the internet, demands an effective mechanism for copyright protection with which data owner can identify the pirated copy of their data. Information hiding technique used in some host content for embedding a mark is called Watermarking. The main aim of database watermarking is to deal with the legal issue of copyright protection of database content. Many relational database watermarking techniques have been proposed to serve this purpose. This paper strongly focuses on the review of four relational database watermarking techniques proposed by researchers [R.Agarwal & Jerry Kiernam, ZHU Qin, Haiqing Wang, and Ashraf Odeh & Ali Al-Haj].

**KEYWORDS:** Copyright Protection, Database Watermarking, Relational Database, Watermark Embedding, Watermark Detection.