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Security issues for multimedia content

Advance of internet and computer technology allowed people to have access to multimedia easily. However, on the other side of this advantage, infringement has risen up as a problem. Although each country has been taking copyright laws to restrict the infringement, different laws of countries have created a gap between countries protected the laws well and those could not. Recently nations of pan pacific are promoting a commitment to strengthen the copyright. Despite all the efforts, piracy is still increasing. Improvement of law along with the development of the technology is not compromised. Especially emerging of new technologies such as Torrent required efficient copyright protection measure. This presentation is going to deal with typical copyright protection measure such as digital right management, watermarking, and digital finger printing as well as the controversies of each technologies.

Biography

Jongweon Kim received his PhD degree from University of Seoul, major in signal processing. He is currently a Professor of Department of Contents and Copyright and Chief of Creative Content Labs at Sangmyung University in Korea. He has a lot of practical experiences in the digital signal processing and copyright protection technology in the institutional, the industrial, and academic environments. His research interests are in the areas of copyright protection technology, digital rights management, digital watermarking, and digital forensic marking.

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