

A Novel Approach to Develop a Movie Piracy Prevention System

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Abstract: *Movie piracy has a profound impact on the motion picture industry. These losses in revenue will obviously cause serious financial problems for the studios and even contribute to their current downfall. The aim of the project is to develop an anti-piracy system for movie industries using Steganography technique in MATLAB and to design IR based screen to disable mobile recording and alert system.*

Keywords: Steganography Technique, MATLAB

REFERENCES

- [1]. Comparatives study of Various Techniques against Camcorder Piracy in Theater Nilesh Kumar Dubey; Hardik Modi 2018 4th International Conference on Computing Communication and Automation (ICCCA) Year: 2018 | Conference Paper | Publisher: IEEE
- [2]. Y Chen, G Zhai, Z Gao, Ke Gu, W Zhang, M Hu, J Liu “Movie Piracy Tracking using Temporal Psychovisual Modulation”, in IEEE conference 2017.
- [3]. J Bloom and C. Polyzois, “Watermarking to track motion picture theft,” in Signals, Systems and Computers, 2004. Conference Record of the Thirty-Eighth Asilomar Conference on, vol. 1, Nov 2004, pp. 363–367 Vol.1.
- [4]. B. NEWS, “The fact and fiction of camcorder piracy”, [Online].
- [5]. MEpstein and Stanton. “A method and device for preventing piracy of video material from theater screens”, Oct. 4, 2000, eP Patent App. EP19,990,923,789. [Online]. Available: <https://www.google.com/patents/EP1040655a2?cl=en> [6]
- [6]. Website “A GSM Technology” reference [Online].
- [7]. C Hu, G. Zhai, Z. Gao, and X. Min, “Information security display system based on spatial psychovisual modulation,” in 2014 IEEE International Conference on Multimedia and Expo (ICME), July 2014, pp. 1–4.
- [8]. US Patent “Movie Film Security System Utilizing Infrared Patterns reference”, [Online].