

Digital Forensics and Analysis of Deepfake Videos

Abstract :

Deepfake is a video that has been constructed -to make a person appear to say or do something that they never said or did. The potential impact of a fake video of a world leader can be a catastrophic and can have far-reaching implications for the world's economy and political stability. Therefore there shows the increasing demand to detail methods to identify deepfakes. Experiments conducted against datasets that contain both fake and real videos showed favorable classification performance for DFT-MF model especially when compared with other work in this area. This is related to our project because mouth features is used to detect deepfake video.