

Fire Detection and Localization in Video Surveillance Application

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Abstract: *In recent years there has been rapid development in technology which has made human life easier in several aspects. Fire is an abnormal event which can cause significant damage to lives and property. fires are an uncontrollable disaster which causes damages to the society as well as endangering nature. Fire Analysis and Prediction System is made to detect the fires then performs prediction of the hearth spread. Fire accidents pose a major threat to the world. These could be prevented by deploying fire detection systems, but the prohibitive cost, false alarms, need for dedicated infrastructure, and the overall lack of robustness of the present hardware and software-based detection systems have served as roadblocks in this direction*

Keywords: Convolutional Neural Networks (CNN), Deep Learning, Fire Detection

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