

AN ADVANCED MODEL, FOR THE MONITORING ROBOT INTRANSFORMER STATION

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ABSTRACT

Nowadays, the automatic is intensively applied in power system, such as electronic meter, information systems. This has improved the transparency and accuracy in the electricity market. Therefore, the automatic in power system is encouraged to upgrade the next level, in which the automation in the trans- former station is put the high attention. Therefore, this paper presents an advanced model of a robot to monitor an automatic transformer station where there are no people in. Moreover, this model is used to build a real robot and confirm its robustness in the real transformer station in Hoi an, Danang city, Vietnam.

KEYWORDS: Image Recognition, Automatic Robot, Lab View, Transformer Station, Vietnam