

Moving Towards a New Era of Intelligent Protection Through Digital Relaying in Power Systems

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Abstract. This paper presents an intelligent approach for digital relaying design. Due to a powerful search scheme of the selected intelligent method, digital relays are well discriminated to satisfy a large number of constraints, which are so complicated over the ability of the conventional relay setting. Also, the proposed scheme is demonstrated through a small 5-bus power system, in which six digital relays are situated to be smartly discriminated.