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Methods aimed at locating the position where a fault is occurred can be seen as part of a complex measurement system oriented at more general power quality purposes. This paper faces the comparison between two methods recently proposed in literature for fault-location in distribution networks, based on a distributed and on a single-ended measurement system, respectively. By assuming a common distribution system topology, the two methods are applied in order to compare their performances as well as the obtained results.

On the basis of the different drawbacks and advantages shown by the two methods, potential improvements are eventually taken into account, and a possible integration of the two approaches is investigated and discussed.



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