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Title of Thesis: Arabic Opinion Holder Extractor

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Abstract :

With the increasing availability of blogs, Internet forums and social networks, electronic press sites, people have the chance to express their opinions and sentiments and make them available to everyone. These opinions provide valuable information for decision-making processes. Therefore, the computational treatment of sentiments and opinions bearing text has been viewed as a promising, while challenging, area of research that can serve different purposes. To fulfill this, we need to identify first named entities, references to pronouns and other anaphors, and finally decide which of them is the holder of the expressed opinion.

Keywords:

Named entity; Opinion mining; Conditional random fields; Cross-validation; Private state.