

Fuzzy Coreference Resolution for Summarization

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Abstract	<p>We present a fuzzy-theory based approach to coreference resolution and its application to text summarization.</p> <p>Automatic determination of coreference between noun phrases is fraught with uncertainty. We show how fuzzy sets can be used to design a new coreference algorithm which captures this uncertainty in an explicit way and allows us to define varying degrees of coreference.</p> <p>The algorithm is evaluated within a system that participated in the 10-word summary task of the DUC 2003 competition.</p>
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Attachment	Size
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