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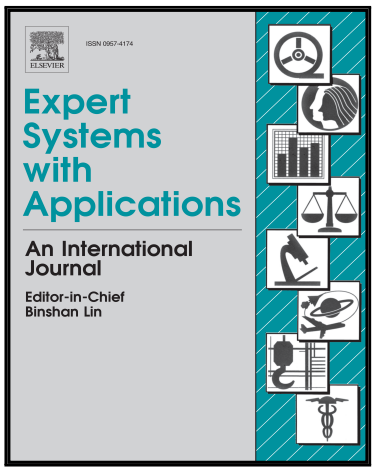

Prediction of Industrial Equipment Remaining Useful Life by Fuzzy Similarity and Belief Function Theory

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PII: S0957-4174(17)30279-8
DOI: 10.1016/j.eswa.2017.04.035
Reference: ESWA 11268

To appear in: *Expert Systems With Applications*

Received date: 16 November 2015
Revised date: 17 April 2017
Accepted date: 18 April 2017

Please cite this article as: Piero Baraldi , Francesco Di Maio , Sameer Al-Dahidi , Enrico Zio , Francesca Mangili , Prediction of Industrial Equipment Remaining Useful Life by Fuzzy Similarity and Belief Function Theory , *Expert Systems With Applications* (2017), doi: 10.1016/j.eswa.2017.04.035

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Highlights

- We develop a novel prognostic method for estimating the *RUL* and its uncertainty.
- The novelty is the combination of fuzzy similarity and Belief Function Theory.
- The method is applied to simulated and real data in ferritic steel and condenser filters.
- Results show that the proposed method is superior to other alternative methods.
- The method aids the maintenance planner to confidently schedule maintenance actions.

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