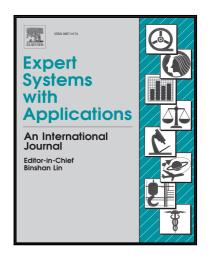
## Accepted Manuscript

Detection of different voice diseases based on the nonlinear characterization of speech signals

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PII:S0957-4174(17)30247-6DOI:10.1016/j.eswa.2017.04.012Reference:ESWA 11245



To appear in:

Expert Systems With Applications

Received date:13 September 2016Revised date:30 March 2017Accepted date:4 April 2017

Please cite this article as: Carlos M. Travieso, Jesús B. Alonso, J.R. Orozco-Arroyave, J.F. Vargas-Bonilla, E. Nöth, Antonio G. Ravelo-García, Detection of different voice diseases based on the nonlinear characterization of speech signals, *Expert Systems With Applications* (2017), doi: 10.1016/j.eswa.2017.04.012

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## Highlights

- A novel methodology to characterize voice diseases using nonlinear dynamics.
- Use of complexity measures based on the analysis of the time delay embedded space.
- Transformation of the feature space using a Discrete Hidden Markov Model.
- The methodology validated on three different datasets with different voice diseases.

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