## Accepted Manuscript

Title: Signal Processing and Time Series Description: A Perspective of Computational Intelligence and Granular Computing

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PII: DOI: Reference:	S1568-4946(14)00304-4 http://dx.doi.org/doi:10.1016/j.asoc.2014.06.030 ASOC 2381
To appear in:	Applied Soft Computing
Received date:	5-2-2014
Revised date:	5-6-2014
Accepted date:	10-6-2014

Please cite this article as: A. Gacek, Signal Processing and Time Series Description: A Perspective of Computational Intelligence and Granular Computing, *Applied Soft Computing Journal* (2014), http://dx.doi.org/10.1016/j.asoc.2014.06.030

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## ACCEPTED MANUSCRIPT

## Highlights

We discuss a general framework of Computational Intelligence for signal processing and time series analysis.

Synergistic functionalities of Computational Intelligence are elaborated on.

An overall architecture of processing of time series is discussed.

Interpretability issues and transparency of models are addressed.

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