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# Study of granulation in red giants observed by CoRoT using a new method for seismic indices extraction

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## Abstract

In the framework of the data base project SSI (Stellar Seismic Indices), we have developed and tested a new method aiming at optimizing the simultaneous measurement of both the seismic indices characterizing the oscillations ( $\delta\nu$ ,  $\nu_{\max}$ ) and the index characterizing the granulation signature.

Here, we describe this method which is intended to take advantage of the MLE (maximum likelihood estimate) algorithm combined with the parametrized representation of the red giants pulsation spectrum following the Universal Pattern (Mosser et al. 2011). We report on its performances.

Finally, we discuss the results obtained for the granulation on a large set of CoRoT red giants stars.

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