



# On Sufficient Conditions of the Injectivity: Development of a Numerical Test Algorithm via Interval Analysis

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Résumé en anglais	This paper presents a new numerical algorithm based on interval analysis able to verify that a continuously differentiable function is injective. The efficiency of the method is demonstrated by illustrative examples. These examples have been treated by a C++ solver which is made available.
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## Liens

- [1] <http://okina.univ-angers.fr/sebastien.lagrange/publications>
- [2] <http://okina.univ-angers.fr/nicolas.delanoue/publications>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=2012>
- [4] <http://okina.univ-angers.fr/publications/ua16585>
- [5] <http://dx.doi.org/10.1007/s11155-007-9042-9>
- [6] <https://link.springer.com/article/10.1007%2Fs11155-007-9042-9>

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