

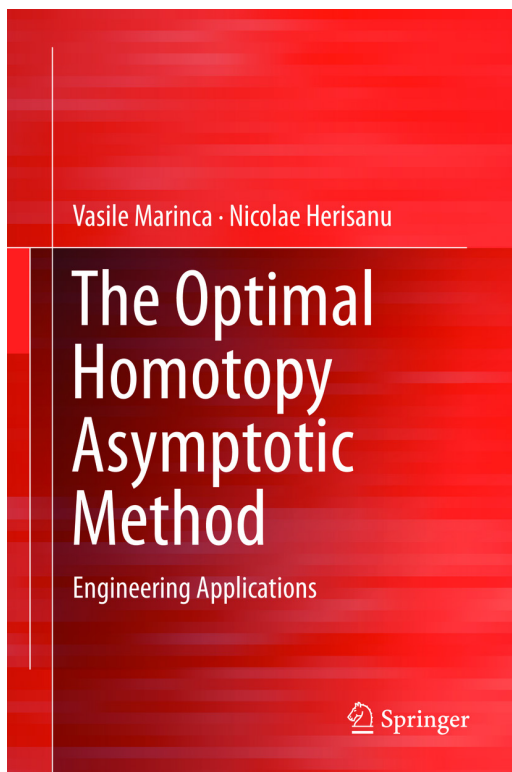
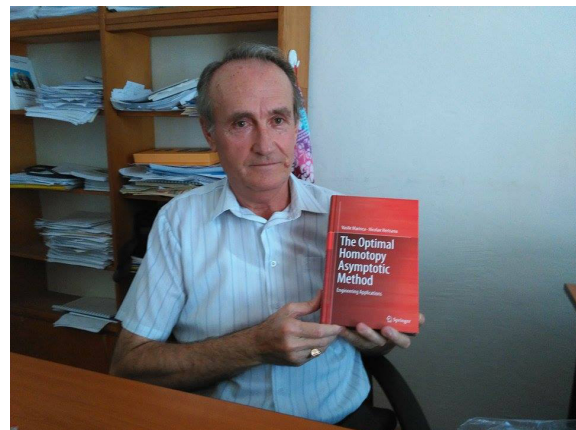
## Romanian Academy 2017 "Aurel Vlaicu" Award Prof. Vasile MARINCA, PhD & Prof. Nicolae HERIȘANU, PhD

On December 15, 2017, the Romanian Academy awarded the "Aurel Vlaicu Award" to Prof. Vasile Marinca and Prof. Nicolae Herisanu for the monograph "The Optimal Homotopy Asymptotic Method. Engineering Applications", published by the famous publisher SPRINGER Verlag in 2015.

The method developed in this book was proposed for the first time in the scientific literature by the two authors in 2008 and received up to now more than 600 citations from other authors.

The entire monograph is based on the scientific research done by the two authors, being presented in detail 41 case studies related to various fields of research, such as technical mechanics, mechanical vibration, fluid mechanics, thermodynamics, electrical engineering, and so on.

Explicit analytical solutions are obtained for nonlinear dynamical systems specific to the above mentioned fields and these solutions are validated by comparisons with numerical solutions, a very good accuracy being emphasized in each case.



Date of award ceremony: December 15, 2017, at 10 am, Hall of the Romanian Academy, Bucharest  
Web: <http://www.acad.ro/bdar/galeriiFoto/foto2017-1215St78.php>

It is to remark that up to now, this monograph is present in more than 200 university libraries worldwide, according to the international catalog WorldCat ([www.worldcat.org](http://www.worldcat.org)).