

Papers

- 1) „*Prediction of the three dimensional separation on a rotating blade*”, International Journal of Applied Mechanics and Engineering , 12, nr. 4, 2007, Poland, authors: H. Dumitrescu, V. Cardos.
- 2) “*Flow prediction in a blower casing*”, Rev, Roum. Sci. Techn – Mec. Appl., 52, No. 3, pp. 173-189, 2007, authors: H. Dumitrescu, V. Cardos.
- 3) “*A stall-delay model for rotating blades*”, PAMM, vol. 7, nr. 1, 2008, <http://dx.doi.org/10.1002/pamm.200700178>, H. Dumitrescu, V. Cardos.
- 4) “*A method for optimal control in boundary-layer flow*”, PAMM, vol. 7, nr. 1, 2008, <http://dx.doi.org/10.1002/pamm.200700117>, A. Dumitrache.

Conference Papers

- 1) GAMM 2008, BREMEN, Germany, March 2008

“*A two-algebraic turbulence model for compressible flow in turbomachinery cascade*”, A. Dumitrache, H. Dumitrescu

- 2) 14th AIAA/CEAS Aeroacoustics Conference, Vancouver, Canada, May, 2008

“*Aerodynamic and Acoustic Phenomena Due to Unsteady Flow of VAWT’s*”, H. Dumitrescu, A. Dumitrache, V. Cardos, F. Frunzulica

- 3) ICNPAA 2008, Genoa, Italy, June 2008

“*Singularities in turbulent boundary-layer calculations on rotating blades*”, H. Dumitrescu, V. Cardos

- 4) ECMI 2008, London, July 2008

“*An algebraic turbulence model for compressible flow in turbomachinery cascade*”, A. Dumitrache, H. Dumitrescu