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Author	Title
V.V. Kozlov, V.N. Gorev, S.N. Tolkachev	Investigation of cross-flow vortices and its secondary instability after the roughness element on the leading edge of swept wing.
O. Cadot, A. Desai, S. Mittal, S. Saxena B. Chandra	Turbulent reattachment dynamics during the drag crisis transitions of a circular cylinder
Ilya Zverkova, Victor Kozlova, Alexey Kryukova, Andrey Boikoa, Stefan Heineb	Laminar-turbulent transition structure of the boundary layer on wavy surface wing
Benjamin Plogmanna , Werner Wurza , Ewald Kramer	On the disturbance evolution downstream of a medium height roughness element
Igor B. de Paula , Werner Wurzb , Vladimir I. Borodulinc, Yury S. Kachanov	Weakly-nonlinear interactions of modulated T-S waves in the boundary layer of an airfoil
B. Gazaniona , F. Chedevergneb , G. Casalisb	Large Eddy Simulation of the Laminar-Turbulent Transition in the Flow Induced by Wall Injection
M. Fortea,, J. Perrauda , L. Gentilia , G. Casalis	Experimental and numerical study of the effect of gaps on laminar turbulent transition of incompressible boundary layers
K.J. Groota, F. Pinnab , B.W. van Oudheusden	Automated BiGlobal stability analysis using VESTA: the spectrum of the non-parallel Blasius boundary layer
J.M. Lucasa , O. Vermeerscha , D. Arnal	Optimal perturbations in three-dimensional boundary-layer flows
Philipp C. Dorr , Markus J. Kloker	Transition control in a three-dimensional boundary-layer flow using plasma actuators
A.V. Boiko, A.V. Dovgal, A.M. Sorokin	Transitional separating boundary layer modulated by surface temperature alterations
Alexandra Paninaa, Alexander Kosinov	On artificial disturbance evolution in spanwise modulated boundary layers at Mach 2 and 2.5
Juan A. Martina , Carlos Martel	Nonlinear intrinsic streaks in the flat plate boundary layer
Vinicius Malatestaa,b , Leandro F. Souzaa , Joseph T. C. Liub , Markus J. Kloker	Heat transfer analysis in a flow over concave wall with primary and secondary instabilities
Serna, J. a , Lázaro, B.J.	Experiments on natural transition in separation bubbles
José Miguel Pérez, Vassilis Theofilis	Stability analysis of shock-wave dominated flow over a transonic bump
Qiong Liu, Francisco Gómez , Vassilis Theofilis	Linear stability analysis of the flow over an open cavity controlled by a synthetic jet
Jacopo Cantona, Franco Auteria , Marco Carinia	Global linear stability of axisymmetric coaxial jets
J. K. Rogenskia, L. F. de Souzaa , J. M. Floryan	Variable curvature investigations in the Gortler flow control

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Akshat Agarwal, Luca Brandt , Tamer A. Zaki	Bypass breakdown to turbulence in viscoelastic channel flow
Heinrich Ludeke	Influences of a Rippled Surface on Growth Rates of Tollmien-Schlichting Waves
Haley Dell'Orso, Michael Amitay	Controlling Tollmien-Schlichting waves on a flat plate using dynamic surface roughness elements
Taira, D. E.a., Schettini, E. B. C. , Silvestrini, J. H.	The influence of stratification and slope in a mixing layer
S.V. Lukashovich, S.O. Morozov, and A.N. Shpilyuk	Experimental studying the effect of porous coatings of different lengths and different positions on second-mode disturbances in a hypersonic boundary layer
V.M. Aniskin, S.G. Mironov, I.S. Tsurulnikov	EXPERIMENTAL STUDY OF THE SUPERSONIC TWO-DIMENSIONAL MICROJETS STRUCTURE
A.A. Maslov, V.M. Aniskin, S.G. Mironov	LAMINAR-TURBULENT TRANSITION IN SUPERSONIC AXISYMMETRIC MICROJET
SU CaiHong	Physical implication of two problems in transition prediction of boundary layers based on linear stability theory
Shahid Mughal	Quantification of Variance due to Distributed Surface Roughness in Receptivity Modelling and Boundary-Layer Transition Prediction
Leonardo C. Salemia, Hermann Fasel	Numerical Investigation of Three-Dimensional Conical Boundary Layer Stability including High-Enthalpy Effects
S. Terhaar , P. Paredes, K. Oberleithner, V. Theofilis , C. O. Paschereit	Investigation of the global mode in a swirling combustor flow: Experimental observations and local and global stability analysis
Rômulo B. Freitas and Leonardo S. de B. Alves	Local linear stability analysis of planar mixing-layers near the thermodynamic critical point
D. Serson	Numerical study of wings with wavy leading and trailing edges
J. A. Isler, B. S. Carmo	Asymptotic stability analysis and transient growth in pulsatile flow in a channel with constriction
M. Thele , G. Schloffela , Ch. Mundt	Hypersonic Transition and Turbulence Spectrum
Marlon Sproesser Mathias , Marcello A. F. Medeiros	Aeroacoustics and vortex generation in asymmetric wakes
C. Hadera , C. Brehma , H. F. Fasel	Numerical investigation of transition delay using porous walls for various nonlinear breakdown scenarios in a Mach 6 boundary layer
Shirzad Hosseinverdi, Hermann F. Fasel	Laminar-turbulent transition in a laminar boundary-layer separation bubble in the presence of free-stream turbulence
Leonardo C. Salemi, Hermann Fasel	Numerical Investigation of Three-Dimensional Conical Boundary Layer Stability including High-Enthalpy Effects