

CORRECTION | MAY 02 2022

## Publisher's Note: "Contribution of flow topology to the kinetic energy flux in hypersonic turbulent boundary layer" [Phys. Fluids 34, 046103 (2022)] ✓

Dehao Xu (许得豪); Jianchun Wang (王建春) ✉; Changping Yu (于长平); ... et. al



Physics of Fluids 34, 059901 (2022)

<https://doi.org/10.1063/5.0095144>



View  
Online



Export  
Citation

CrossMark

### Articles You May Be Interested In

Effect of compressibility on the small-scale structures in hypersonic turbulent boundary layer

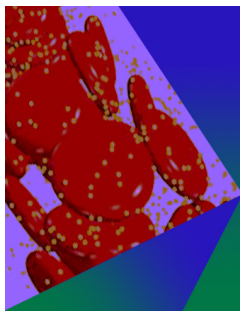
*Physics of Fluids* (May 2022)

Contribution of flow topology to the kinetic energy flux in hypersonic turbulent boundary layer

*Physics of Fluids* (April 2022)

Some Efficient Algorithms for Anisotropic Laplace-like Equation over an Exterior Two-Dimensional Domain

*AIP Conference Proceedings* (September 2009)



## Physics of Fluids

### Special Topic: Flow and Forensics

Submit Today!

AIP  
Publishing

AIP  
Publishing

# Publisher's Note: "Contribution of flow topology to the kinetic energy flux in hypersonic turbulent boundary layer" [Phys. Fluids 34, 046103 (2022)]

Cite as: Phys. Fluids **34**, 059901 (2022); doi: [10.1063/5.0095144](https://doi.org/10.1063/5.0095144)

Submitted: 5 April 2022 · Published Online: 2 May 2022



View Online



Export Citation



CrossMark

Dehao Xu (许得豪),<sup>1</sup> Jianchun Wang (王建春),<sup>2,a)</sup> Changping Yu (于长平),<sup>3</sup> Xinliang Li (李新亮),<sup>3</sup>   
and Shiyi Chen (陈十一)<sup>1,2,a)</sup>

## AFFILIATIONS

<sup>1</sup>State Key Laboratory of Turbulence and Complex Systems, College of Engineering, Peking University, Beijing 100871, People's Republic of China

<sup>2</sup>Department of Mechanics and Aerospace Engineering, Southern University of Science and Technology, Shenzhen 518055, People's Republic of China

<sup>3</sup>Laboratory of High Temperature Gas Dynamics, Institute of Mechanics, Chinese Academy of Sciences, Beijing 100190, People's Republic of China

<sup>a)</sup>Authors to whom correspondence should be addressed: [wangjc@sustech.edu.cn](mailto:wangjc@sustech.edu.cn) and [chensy@sustech.edu.cn](mailto:chensy@sustech.edu.cn)

<https://doi.org/10.1063/5.0095144>

This article was originally published online on 5 April 2022 with errors on page 4, Sec. IV. The third line of the first paragraph starting with "...wall-bounded flows..." has been corrected as "...wall-bounded flows (see Refs. 37, 50–52, and 56–69). The spatially..." The 11<sup>th</sup> line of the second paragraph starting with "... $L_z$  are nondimensionalized..." has been corrected as " $L_z$  are nondimensionalized by

$L_\infty = 1$  inch as used in Ref. 60.  $\delta_v$ ." The caption of Table I has been corrected as "TABLE I. Summary of computational parameters for the DNS study. The computational domains  $L_x$ ,  $L_y$ , and  $L_z$  are nondimensionalized by 1 inch as used in Ref. 60." All online and printed versions of the article were corrected on 7 April 2022. AIP Publishing apologizes for this error.