



## Correction to: Numerical study on dynamic mechanism of brain volume and shear deformation under blast loading

Zhijie Li<sup>1</sup> · Zhibo Du<sup>1</sup> · Xiaochuan You<sup>1</sup> · Zhanli Liu<sup>1</sup> · Jian Cheng<sup>1</sup> · Chengcheng Luo<sup>1</sup> · Dongyang Chu<sup>1</sup> · Shaowu Ning<sup>1</sup> · Yue Kang<sup>2</sup> · Ce Yang<sup>3</sup> · Zhuo Zhuang<sup>1</sup>

Published online: 1 August 2019

© The Chinese Society of Theoretical and Applied Mechanics and Springer-Verlag GmbH Germany, part of Springer Nature 2019, corrected publication 2019

### Correction to:

**Acta Mechanica Sinica (2019) 1–16**

<https://doi.org/10.1007/s10409-019-00875-w>

In the original publication few errors have been identified in Fig. 10a, b. The correct version of Fig. 10a, b are provided in this correction. The original article has been corrected [1].

---

The original article can be found online at <https://doi.org/10.1007/s10409-019-00875-w>.

---

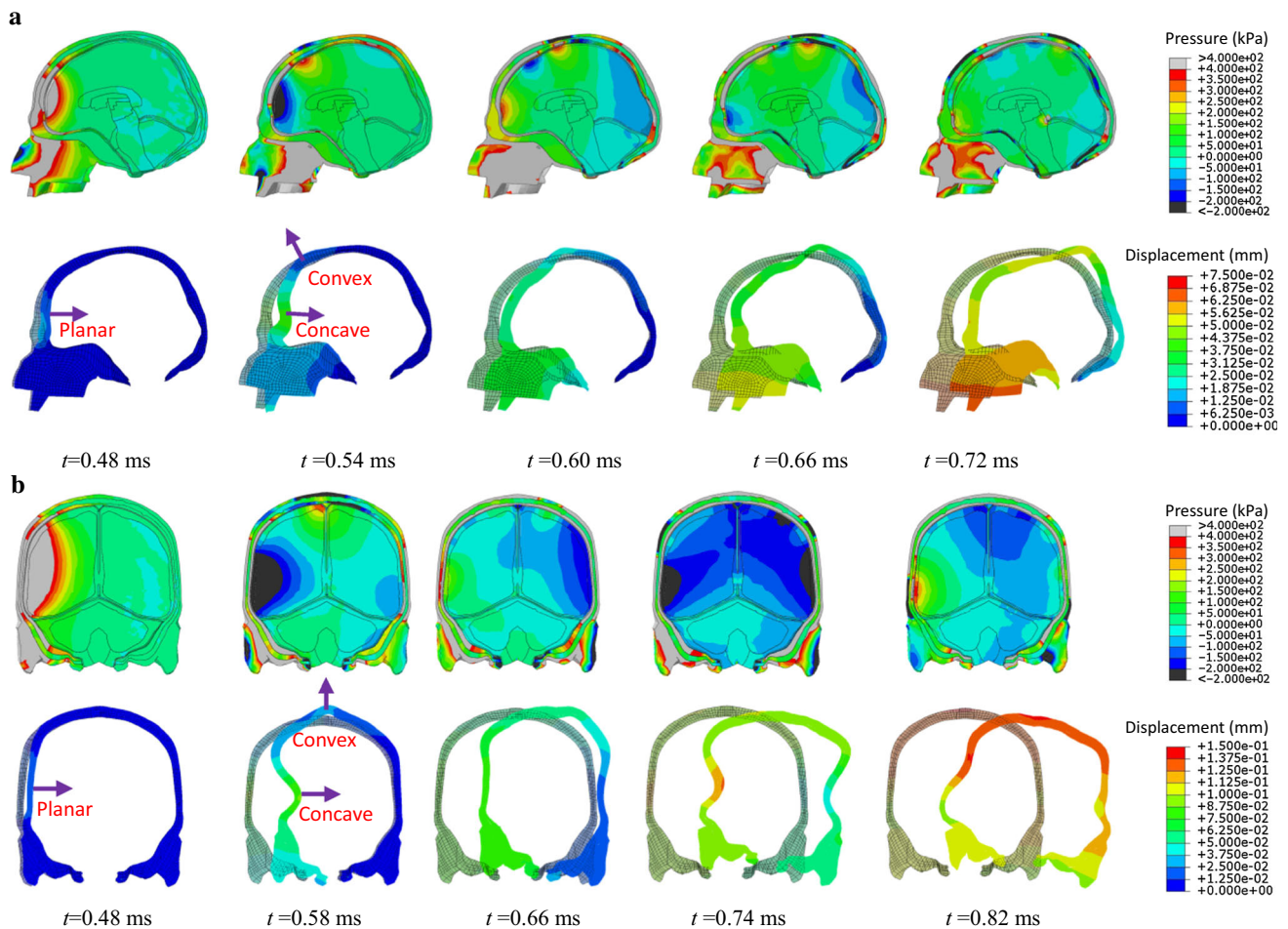
✉ Xiaochuan You  
youxiaochuan@tsinghua.edu.cn

✉ Zhanli Liu  
liuzhanli@tsinghua.edu.cn

<sup>1</sup> School of Aerospace Engineering, Tsinghua University, Beijing 100084, China

<sup>2</sup> School of Materials Science and Engineering, Tsinghua University, Beijing 100084, China

<sup>3</sup> Daping Hospital, Army Medical University, Chongqing 400038, China



**Fig. 10** Nephograms of the brain pressure and skull deformation due to blast waves. **a** Frontal impact, **b** lateral impact. The skull with mesh is the initial shape, and the skull without mesh is the current shape with a magnification factor of 500

## Reference

- Li, Z., Du, Z., You, X., Liu, Z., Cheng, J., Luo, C., Chu, D., Ning, S., Kang, Y., Yang, C., Zhuang, Z.: Numerical study on dynamic mechanism of brain volume and shear deformation under blast loading. *Acta Mechanica Sinica* 1–16 (2019). <https://doi.org/10.1007/s10409-019-00875-w>