Corrigendum

Corrigendum to “The Tianwen-1 Guidance, Navigation, and Control for Mars Entry, Descent, and Landing”

Xiangyu Huang,¹ Maodeng Li¹,^{ORCID} Xiaolei Wang,² Jinchang Hu,¹ Yu Zhao,² Minwen Guo,¹ Chao Xu,¹ Wangwang Liu,² Yunpeng Wang,² Ce Hao,² and Lijia Xu²

¹Science and Technology on Space Intelligent Control Laboratory, Beijing Institute of Control Engineering, Beijing 100091, China

²Beijing Institute of Control Engineering, Beijing 100091, China

Correspondence should be addressed to Maodeng Li; mdeng1985@gmail.com

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In the article titled “The Tianwen-1 Guidance, Navigation, and Control for Mars Entry, Descent, and Landing” [1], there was an error in Figure 9(b). On the y -axis, the data read q_1 , q_2 , and q_1 . It should have read q_1 , q_2 , and q_3 . This is updated as shown in Figure 1 below.

FIGURE 1: The EDL altitude, quaternion, attitude angles, and angular rate: (a) altitude; (b) vector parts of quaternion; (c) three-axis attitude angles with respect to the J2000 frame in a “xyz” rotation sequence; (d) angular rate of the lander.

References

- [1] X. Huang, M. Li, X. Wang et al., “The Tianwen-1 Guidance, Navigation, and Control for Mars Entry, Descent, and Landing,” *Space: Science & Technology*, vol. 2021, article 9846185, 13 pages, 2021.