Erratum to: Physical Human–Robot Interaction

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Erratum to: Chapter 69 in: B. Siciliano, O. Khatib (Eds.), Springer Handbook of Robotics, DOI 10.1007/978-3-319-32552-1_69

In chapter 69 *Physical Human-Robot Interaction* written by Sami Haddadin and Elizabeth Croft, of the Springer Handbook of Robotics, 2nd edition, edited by Bruno Siciliano and Oussama Khatib, the following two errors appear:

- In table 69.3 (page 1841) *Overview of selected impact experiments from biomechanics and robotics literature. Body part: Upper extremities* a reference is missing in the third row.

The data for the impact on shoulder, upper arm, forearm is taken from: R. Behrens, N. Elkmann: Study on meaningful and verified thresholds for minimizing the consequences of human-robot collisions, IEEE International Conference on Robotics and Automation (ICRA) (2014) pp. 3378–3383.

- In figure 69.21 (page 1860) *A unified view: From collision experiment/simulation to cumulative safety curves for biomechanically safe robot velocity* a reference to the copyright is missing for the bottom photograph, which displays a blindfolded human behind an experimental setup. The photo is ©Fraunhofer IFF (www.iff.fraunhofer.de).