

List of Publications
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Materials accompanying a paper at the publisher web site are listed as **multimedia** or **source code**

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Edited Books

- [B-1] B. Siciliano, A. De Luca, C. Melchiorri, G. Casalino (Eds.), *Advances in Control of Articulated and Mobile Robots*, Springer Tracts in Advanced Robotics, vol. 10, Springer Verlag, Berlin, 2004.
[DOI:10.1007/b10628](#)

Edited Proceedings

- [P-1] A. Isidori, S. Bittanti, E. Mosca, A. De Luca, M.D. Di Benedetto, G. Oriolo (Eds.), *Proceedings of the 3rd European Control Conference (ECC 95)*, Roma, ITA, Sep 1995.

International Journals

- [J-65] P. Pustina, P. Borja, C. Della Santina, A. De Luca, "P-satI-D shape regulation of soft robots," *IEEE Robotics and Automation Letters*, vol. 8, no. 1, pp. 1–8, 2023 [online 10 Nov 2022].
[DOI:10.1109/LRA.2022.3221304](#) (**open access**) with **multimedia***)
- [J-64] A. Cristofaro, A. De Luca, "Reduced-order observer design for robot manipulators," *IEEE Control Systems Letters*, vol. 7, pp. 520–525, 2023 [online 4 Aug 2022]. [DOI:10.1109/LCSYS.2022.3196432](#) (**open access**)
- [J-63] A. Kazemipour, M. Khatib, K. Al Khudir, C. Gaz, A. De Luca, "Kinematic control of redundant robots with online handling of variable generalized hard constraints," *IEEE Robotics and Automation Letters*, vol. 7, no. 4, pp. 9279–9286, 2022 [online 14 Jul 2022]. [DOI:10.1109/LRA.2022.3190832](#) (**open access** with **multimedia***)

- [J-62] P. Pustina, C. Della Santina, A. De Luca, “Feedback regulation of elastically decoupled underactuated soft robots,” *IEEE Robotics and Automation Letters*, vol. 7, no. 2, pp. 4512–4519, 2022 [online 14 Feb 2022]. DOI:10.1109/LRA.2021.3150829
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- [J-58] A. Cristofaro, A. De Luca, L. Lanari, “Linear-quadratic optimal boundary control of a one-link flexible arm,” *IEEE Control Systems Letters*, vol. 5, no. 3, pp. 833–838, 2020 [online 2 Jul 2020]. DOI:10.1109/LCSYS.2020.3006714
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Book Chapters

- [BC-18] L. Monorchio, M. Capotondi, M. Corsanici, W. Villa, A. De Luca, F. Puja, “Transfer and continual supervised learning for robotic grasping through grasping features,” in F. Cuzzolin, K. Cannons, V. Lomonaco (Eds.) *Continual Semi-Supervised Learning*, Lecture Notes in Computer Science (LNAI), vol. 13418, pp. 33–47, Springer International Publishing, Cham, 2022 (Proc. 1st International Workshop on Continual Semi-Supervised Learning, Montreal, CAN, Aug 2021) [online 28 Sep 2022]. [DOI:10.1007/978-3-031-17587-9_3](#)
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