The Twenty-Eighth International Symposium on Artificial Life and Robotics 2023 (AROB 28th 2023), The Eighth International Symposium on BioComplexity 2023 (ISBC 8th 2023), The Sixth International Symposium on Swarm Behavior and Bio-Inspired Robotics 2023 (SWARM 6th 2023) B-Con Plaza, Beppu, Japan and ONLINE, January 25-27, 2023

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