

Erratum to:

Hazard Analysis of Collaborative Human-Robot Systems: A Simulation- and Agent-based Approach

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This erratum relates to the following document(s):

- DOI: 10.5445/IR/1000168592
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Erratum: In Algorithm 1 (p. 21), it is mentioned that the MCTS-Pseudocode is based on the explanations in [Win15]. This reference is incorrect, it should refer to [Bos22] instead.

Remark: Although [Win15] is used as a general source for the description of MCTS in this section of the thesis, the presented pseudocode is based on the explanations in [Bos22], which differs from [Win15] in some respects. Notably, in [Win15], the Rollout phase is called “Payout” and is conducted before the expansion phase whereas in [Bos22], it is conducted afterwards.

Remark: Note that this erratum does not affect the interpretation or validity of the presented experiments, since the pseudocode only serves explanatory purposes to illustrate the MCTS principle.

[Win15] Winands, M.H.M. (2015). Monte-Carlo Tree Search. In: Lee, N. (eds) Encyclopedia of Computer Graphics and Games. Springer, Cham.

[Bos22] Bosonic Studios (2022). Monte Carlo Tree Search (MCTS) algorithm tutorial and its explanation with Python code. Github Repository (Online). URL: <https://ai-boson.github.io/mcts/>. Accessed September 2022.