

# USRA 2025

## An Annotated Bibliography

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### References

- [1] F. Martinez-Gil, M. Lozano, and F. Fernández, “Emergent behaviors and scalability for multi-agent reinforcement learning-based pedestrian models,” *Simulation Modelling Practice and Theory*, vol. 74, pp. 117–133, May 2017.

Somewhat recent and relatively well cited paper that cited Schweitzer’s book. Not sure exactly how useful it will be.

- [2] F. Schweitzer, *Self-Organization of Complex Structures: From Individual to Collective Dynamics*, 1st ed. Amsterdam, The Netherlands: CRC Press, July 1997.

Recommendation from Leah, older book but well respected author. I’ve had a lot of difficulty finding the text online (nothing shows up but a review on UBC library) and it appears to have been out of print for quite a while. Will try to find some recent sources that cited this book as a means to find relevant papers.

- [3] J. D. Wheeler and K. Y. K. Chan, “The Whole is Greater Than the Sum of Its Parts: Large-scale Phenomena Arising from Small-scale Biophysical Processes,” *Integrative and Comparative Biology*, vol. 63, no. 6, pp. 1399–1404, Dec. 2023.

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