

Publications:

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1. LUCKHAUS, S. and STEVENS, A. (2023): The McKendrick system with bistable infection force for Covid like aerosol transmitted diseases. Preprint, submitted for Journal publication.
2. LUCKHAUS, S. and STEVENS, A. (2023): Redefining herd immunity for the Covid epidemics - a comparative data analysis. Preprint, submitted for Journal publication.
3. LUCKHAUS, S. and STEVENS, A. (2023): A two level contagion process and its deterministic McKendrick limit with relevance for the Covid epidemic. Accepted for publication in *Ensaio Matemáticos*, Brazilian Mathematical Society (SBM).
4. LUCKHAUS, S. and STEVENS, A. (2023): Kermack and McKendrick models on a two-scale network and connections to the Boltzmann equations. *Lecture Notes in Mathematics* 2313, *Mathematics Going Forward*, eds. Morel and Teissier, 399 – 408.
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