Preview

December 16, 2014

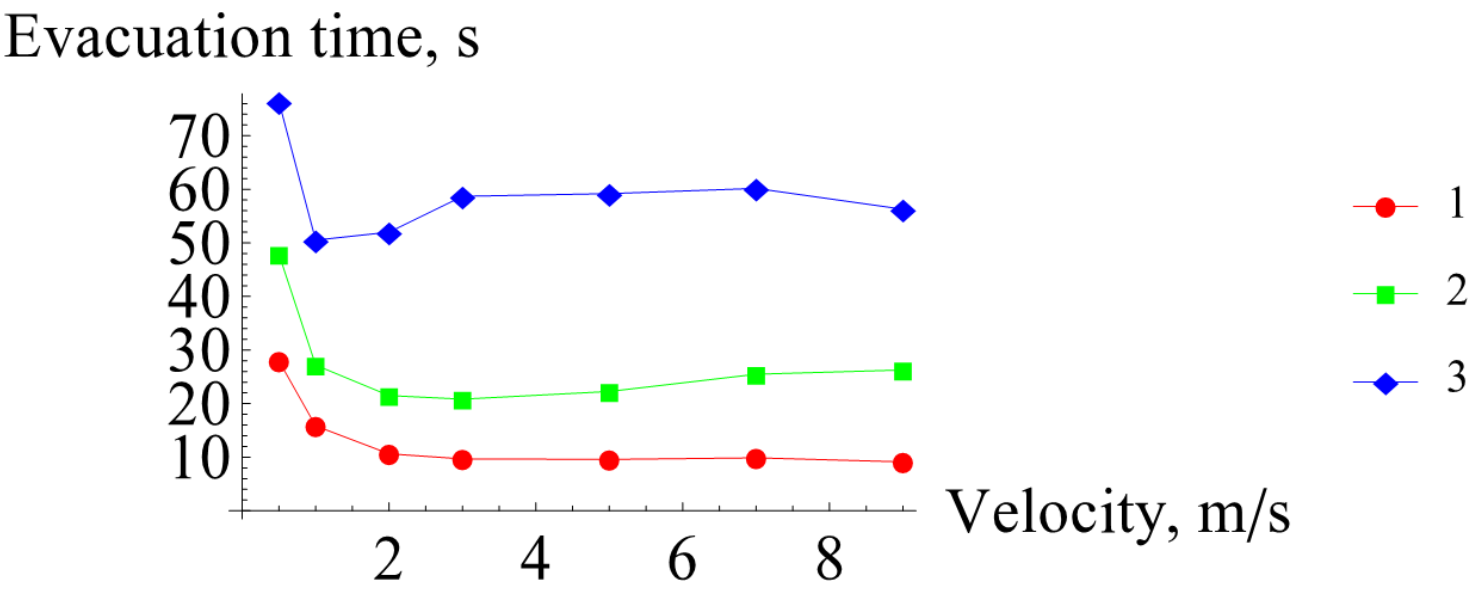


Figure 1: Evacuation time (all objects) versus desired velocity. Curves 1,2,3 correspond to objects quantity 25 and size 4 meters, 49 - 6, 100 - 9 correspondingly. Rooms were square. Door width - 1 meter. Each point - average per 10 runs.

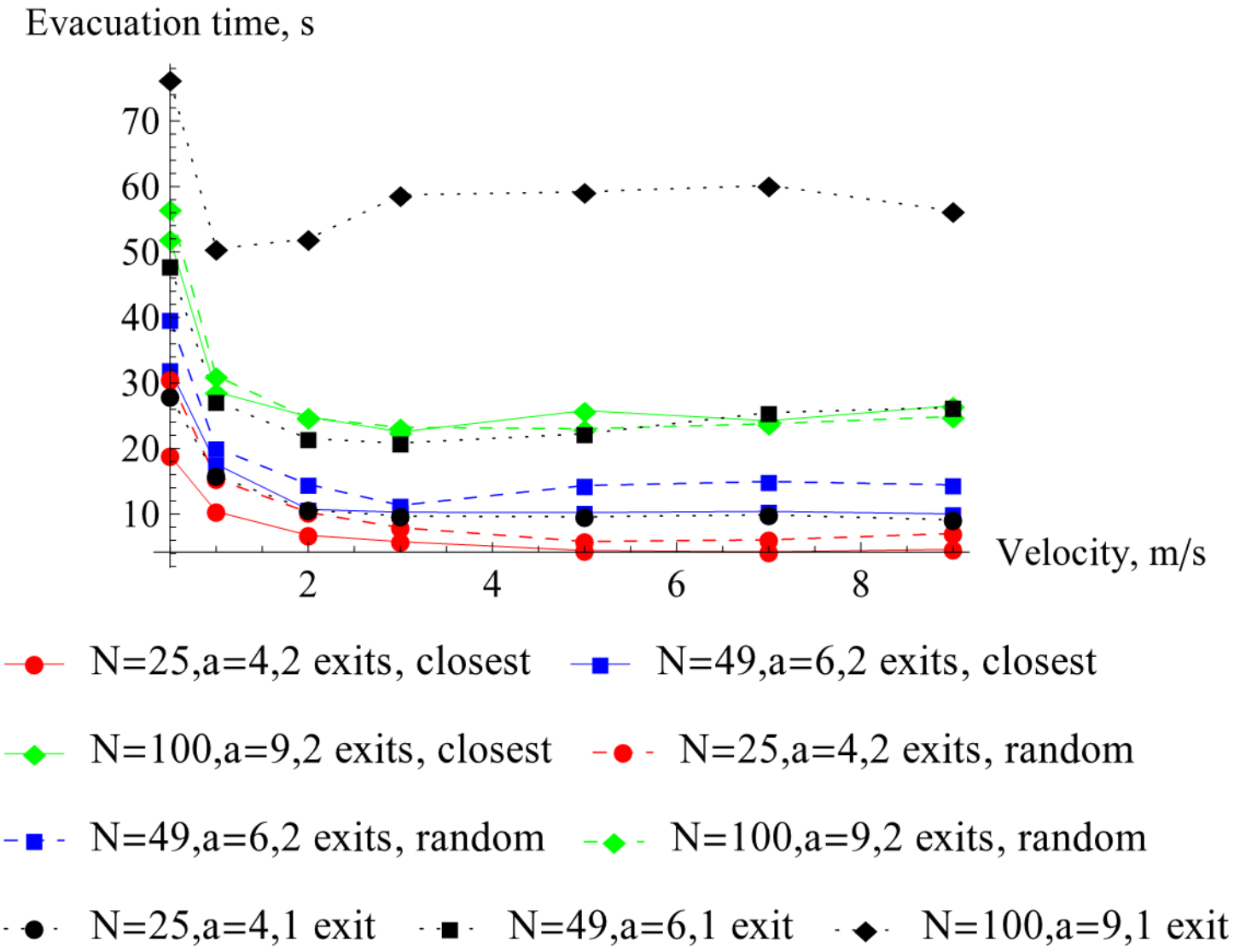
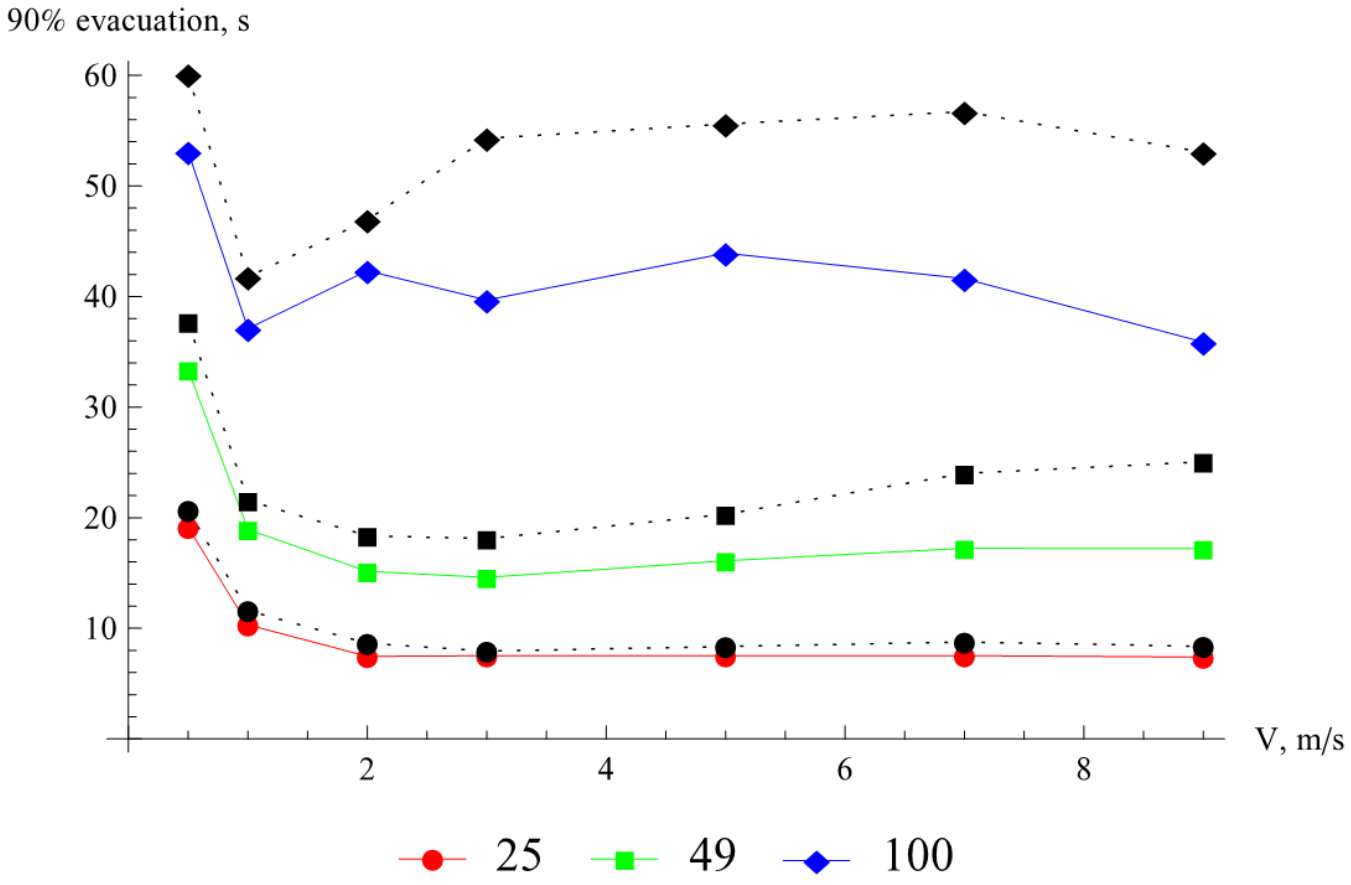


Figure 2: Evacuation time (all objects) versus desired velocity. Experiments with 2 exits and different schemes of choosing exit by agents, comparison with 1 exit. Each point - average per 10 runs.



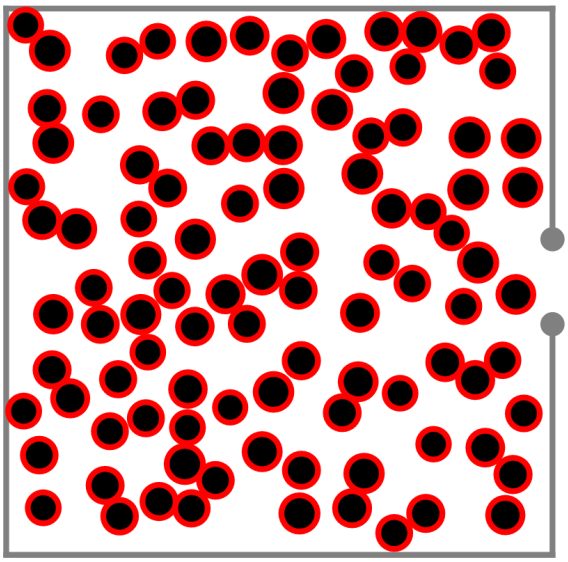


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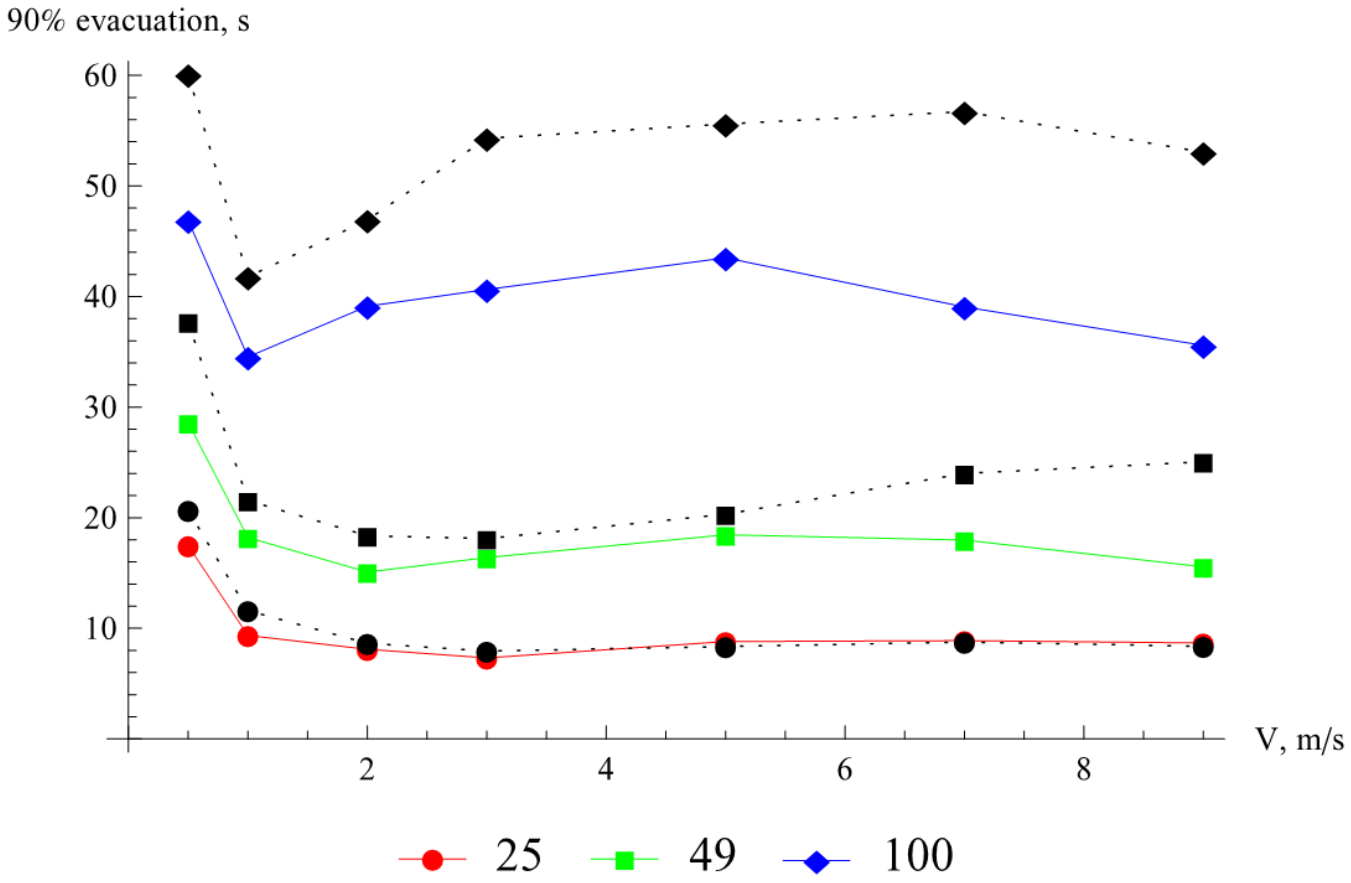
Figure 3



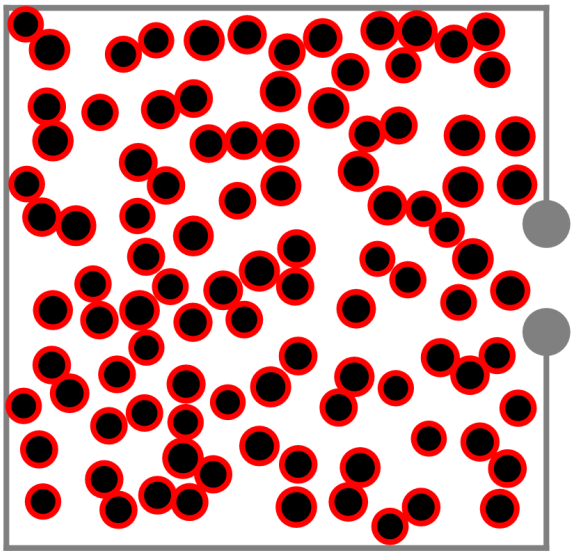


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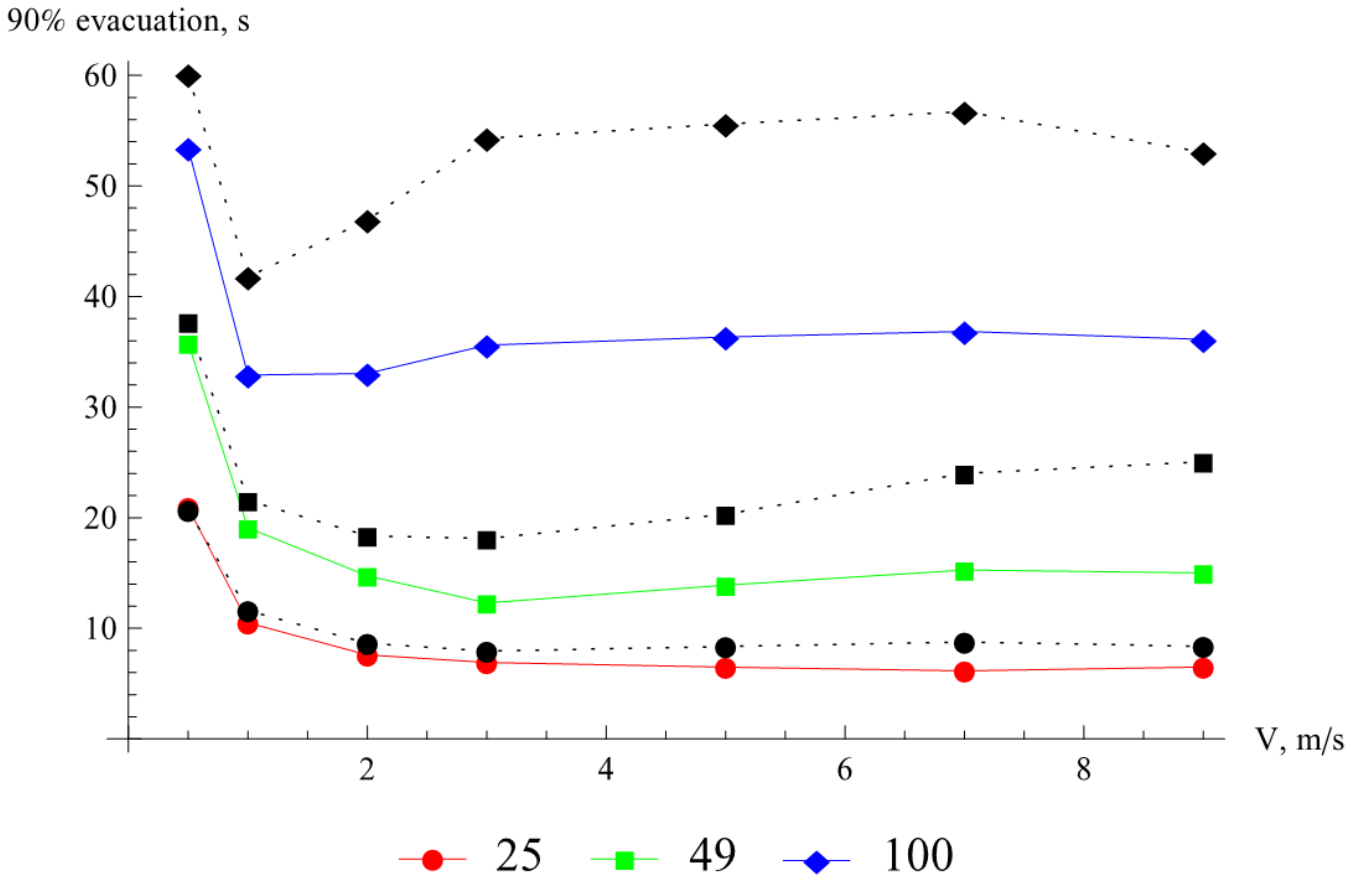
Figure 4



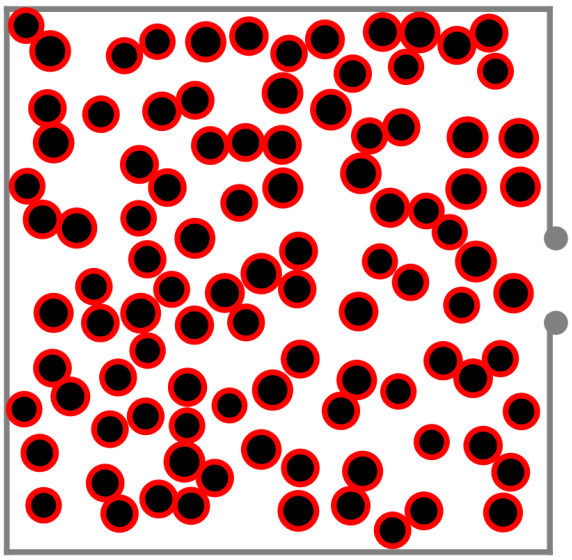


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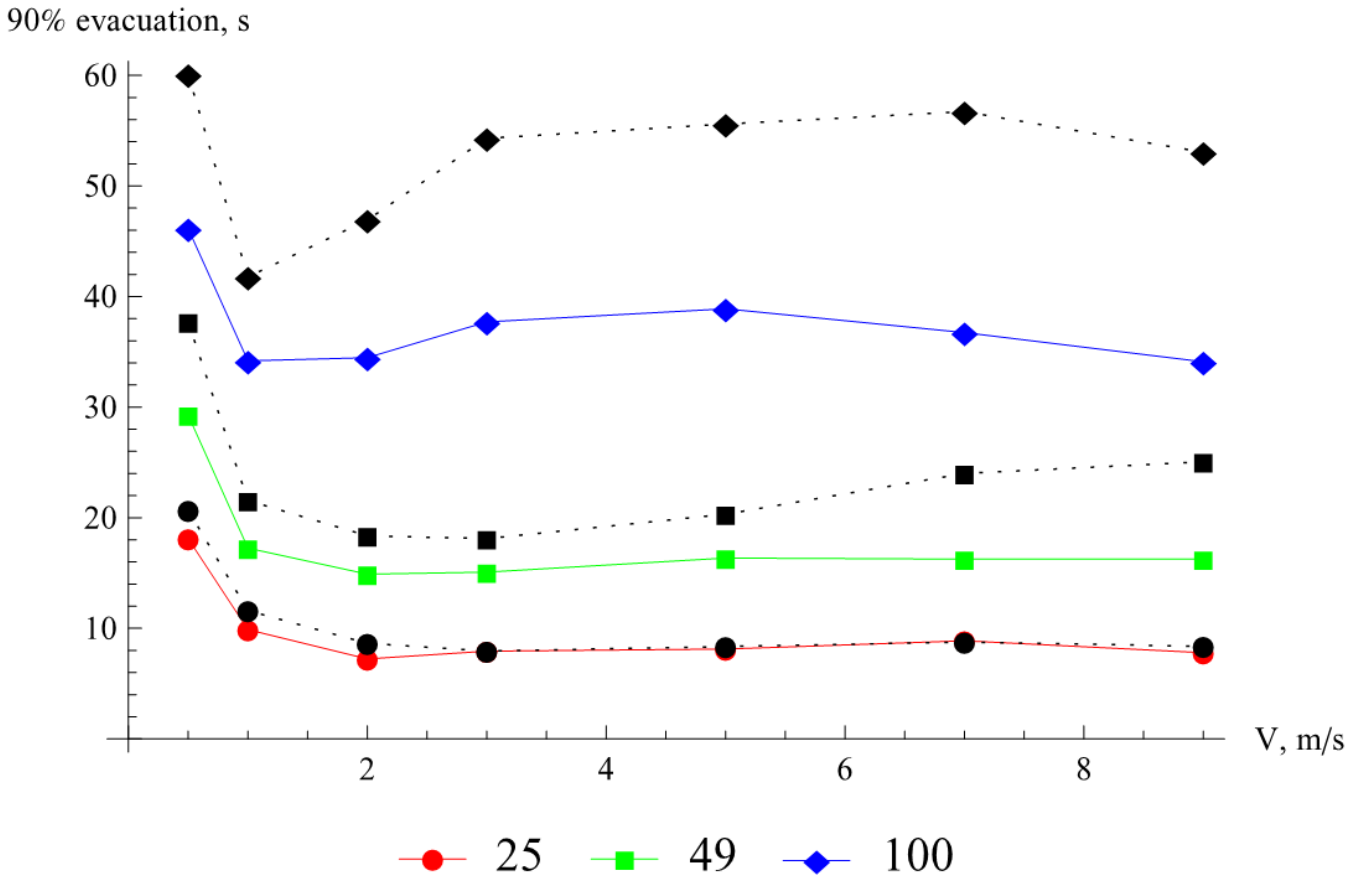
Figure 5



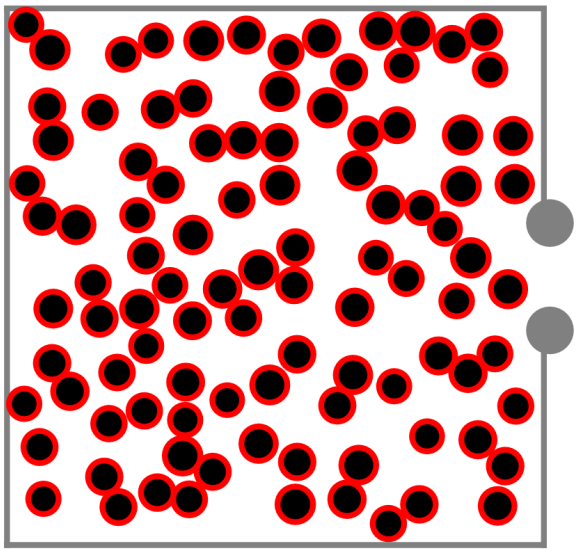


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Figure 6