# Building Editor: Flow of population in a cellular automata environment

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LAP Lambert Academic Publishing Okt 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x5 mm. Neuware - Building Editor or San Jose State University (SJSU) Building Editor is a graphic application that renders the SJSU architectures in a multidimensional space and simulates the flows of people evacuating in the buildings under different circumstances. For a given building, the goals of this application are to analyze a density of people on each floor, to predict bottlenecks in each structure, and to simulate an optimal evacuation plan in case of an emergency for selected SJSU buildings that are visualized in multidimensional models. This report describes in detail functionalities of the application, studies key points in its implementation, and analyzes the application s correctness and efficiency. 76 pp. Englisch.

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