



“Gheorghe Asachi” Technical University of Iasi, Romania



SIMULATION OF BUILDING RENOVATION’S RETURN IN ENERGY PLUS

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Abstract

The Electrical Engineering and Mechatronics Department has developed a Building Mechatronics Research Center, where professors and researchers engage in several projects regarding the energy consumption of buildings, which are focused on the importance of the economic return of building modernizations via simulations. In this article, the prevalent energetic modernization of buildings and their payback period in Hungary are introduced.

Key words: economic return, energetic modernization of buildings, Energy Plus, Net Present Value, payback period

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