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Influence Factors of the Internal Environment; Effect of the Geometric Solution of Cladding on the Quality of the Indoor Microclimate; Envelope Structures of Low Energy Wooden Houses Considering Indoor Climate; Experimental Timber Frames House EXDR1
Indoor Environment State of Classrooms Situated in the Loft Spaces of Civil Engineering Faculty TU in Kosice - Dynamic Analysis Using Design BuilderAssessing the Risk Relative to Indoor Environment Quality in Education Buildings; Measuring Methodology and Results of Heat-Air-Moisture Performances at Building Envelope Levels; Microscopic Filamentous Fungi in Buildings, Preventing their Occurrence and their Remediation Using Nanofibers; New Materials and Assessment of Ventilation Efficiency Floors; Optimisation of the Design of Daylight Guidance Systems Including Measurement Methodology
Perceived Loudness of Sound Transmitted through Light Weight and Heavy Weight WallsProblematic of Humidity Degradation of Plaster with Indoor Fresco Decoration in Romanesque Rotunda in Znojmo; Quasistationary and Dynamic Simulation of Summer Overheating of Passive Timber House; Regeneration of Precast Panel Buildings in Terms of its Effect on Daylight; Selected Problems of Renovated Apartment Buildings Entrances in Slovakia; Simulation of Indoor Climate and Energy Consumption of Primary School
The Importance of a Fan Location in the Front Door in Measuring of the Air Permeability by the Blower Door Test

Sommario/riassunto

Indoor quality of buildings has a direct impact on its inhabitants. The design of a building needs should include a healthy environment and if possible include application of building materials which are free of harmful substances and allow a low energy design. The building industry nowadays should concentrate on low energy buildings and put emphasis on natural materials and renewable resources, so todays aim is to decrease the energy requirements and contribute to a healthier indoor environment in buildings and to sustainable development. The peer reviewed papers are grouped as follows: Chapt