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Construction Industry: Innovation and Challenges""""An Iterative, Octree-Based Algorithm for Distance Computation between Polyhedra with Complex Surfaces""; ""Structural Health Monitoring Based on Artificial Intelligence Techniques""; ""Generating Construction Schedules with Case-Based Reasoning Support""; ""Towards an Information Seeking Environment for Distributed Building Related Data: Introduction to a System Concept Based on a Shared Ontology""

""Developing Maps-Based Communities of Practice System for Exchanging Experience in Construction Projects""""BIDDS: A Bid Item Level Performance Time Database Management System""; ""Building Ontology to Support Reasoning in Early Design""; ""Modeling Excavation Process Using Dynamic Modeling Approach""; ""Architectural Ontology: Development of Machine-Readable Representations for Building Design Drivers""; ""Agent Models for Asset Management""; ""Comparative Evaluation of Synchro and VISSIM Traffic Simulation Software to Model Railroad Crossings""

""Building Intelligent Applications for Construction Equipment Management""""Real-Time Construction Operation Tracking from Resource Positions""; ""Temporal Visualization of Building Occupancy Phase""; ""Application of Visualization Techniques for Construction Progress Monitoring""; ""Semantic Level Integration of Heterogeneous Building Models""; ""Hybrid System Dynamics and Discrete Event Simulation for Construction Management""; ""Leveraging Project Models for Automated Identification of Construction Safety Requirements""

""Software Integration Aspects in a Multi-Disciplinary Research Project on Underground Engineering""

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