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# Modern Structural Monitoring Systems for High-Rise and Unique Buildings

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An automated system for building structural monitoring is developed. The system allows for real-time condition and status information of a building. Through the sensory equipment different building parameters are obtained and processed in a special software package.

The software package is based upon mathematical model rules, which for the most critical components set limits for structural safety. The mathematical model is verified with real-time measurements and consequently used in the real-time structural modelling system.

Доклад. Конференция по мониторингу технического состояния гражданских сооружений (CSHM-4), «Системы мониторинга технического состояния сооружений, обеспечивающие продление срока службы сооружений». Ноябрь, 2012. Берлин. Германия.

**Ключевые слова:**

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3. Example structural monitoring application

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Acknowledgment

References