



Smart Walls - the application of fiber sensors in the Industry 4.0

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Description

10 sensors measure dB and amplitude in the following conditions: the air, the izopropanol and water.

Aims

To automate the validation of test in the air into the validation process in the izopropanol and water.

To enable the installation of the sensors inside the mines for detection.

To enable the installation of the sensors inside the wells, dames or water tanks for water detection.

In the future, the fiber sensors will enable to paint the walls automatically.

Specification

To enable the installation of the sensors inside the walls for seismographic detection.

Phases

1. Data Mining
2. Machine Learning