



International online conference

Digitalization of industrial thermal processes and units



09:15

Andrey
Borzov

Section 2: Digital twin of production (Big Data)

Implementation of Hot Adjustment software complex for rotary kilns of Magnezit Group LLC



This report presents the algorithmic features to implement reading, processing and 3D visualization of data obtained by the laser scanning method for the current state of a rotary kiln. The calculation algorithms for the object oriented limiting parallelepiped (OOLP) by the method of searching the eigen numbers and the matrix vectors, as well as their visualization by graphic library OpenGL are given.

PhD in Engineering Sciences,
Magnezit Group, Russia

There may be changes in the time schedule.
See the current information on the [website](#)

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