



Department: Dept. of Electromechanics and Power Electronics

Research report no.: 22160 - 14 - 2011

Efficiency model of synchronous machine

Type of task: scientific research

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Pages: 14

Date of issue: 17.10.2011

Revision: 1.1

Note: Available only for purposes of the submitter – VOLKSWAGEN A. G.

This research is supported by project no. CZ.1.05/2.1.00/03.0094.

Annotation

This research report deals with a simple approach of implementation of efficiency model of synchronous traction machine and its power electronics. The model is linked with the thermal model (presented in research report # 22190 - 012 - 2011) [4] and implemented in system MATLAB SIMULINK. Thanks to its modular architecture, it is possible to easily extend model's abilities in order to make it more complex.