Simulation of Asynchronous Motor Tests on the Simpowersystems Program Base

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Abstract— **in the paper is used the Simpowersystems program which is used for calculating the static mechanical characteristic and operating characteristics within the range of variation of rotor slippage. Also, the program can be used to determine the starting moment corresponding to the rotor resistance and reactance values in the startup process. This program does not allow for the modification of rotor parameters depending on the slippage, introducing sufficient errors in the calculation of the starting characteristic of the asynchronous motor.**
Keywords— **computer simulation; static and dynamic modes;electromagnetic testing**

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