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Determination of the Operating Characteristics of the Asynchronous Motor in the Basis of Equivalent Schema with Mathcad Application

Abstract:
The massive implementation of the calculation technique in complicated calculations eases and reduces the time taken to complete this process. Often, in this case, more accurate results are obtained. This paper presents the method of calculating the operating characteristics of the asynchronous motor without transforming the equivalent scheme in "T" into the equivalent scheme in " I". The proposed scheme takes into consideration mechanical auxiliary losses, which are often neglected.