Abstract
Every day it gets paid more importance in the topic of the power transformers, the necessity of the diagnosis and the failures or anomalies detection than they could arise during their exploitation. Methods exist for the diagnosis of these equipments, through the called frequency response analysis (FRA); in Cuba, techniques of this nature has not still been introduced, but begins to investigate its potentialities and introduction possibilities. As beginning of this investigation process, has been carried out a study of the sources that approach this topic. In this article, is presented the first part of an analysis that has been carried out about the state of the world art on techniques of diagnostic of transformers from its frequency domain response. This part is about those methods of diagnostic of transformers by means of the analysis of their frequency response, using the fast fourier transformed (FFT).

Keywords
Transformers, diagnostic of transformers.