## A Methodology for Evaluating Physical System Performance using Digital Technique

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## **Abstract**

This paper represents a methodology for evaluating the physical system performance. Auto-correlation and cross-correlation phenomena are the basis for the development of this methodology. With a view to develop this methodology, a computer model was designed. This methodology was validated with different ECG signal analysis. This validation leads to conclude that the proposed methodology may be accepted as a method for analyzing the system performance.