



Functional and dysfunctional analysis of a mechatronic system

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Résumé en anglais	<p>A study of system reliability is generally preceded by a functional analysis, which consists of defining the material limits, the various functions and operations realized by the system and the various configurations. This stage does not give information about the modes of failure and their effects. It is necessary to complete it by a second one taking into account the dysfunctions in order to model suitably a complex system with Petri networks. In this paper, we propose to employ SADT, FMEA, SEEA and Petri networks methods to study a mechatronic system.</p>
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