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AN ONLINE SYSTEM TO ANALYSE PRODUCTION FAULTS BY USING PROCESS HISTORY DATA

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Abstract

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Improving the yield of production requires continuous monitoring of faults in the testing system and products. There is a need for nearly accurate method and a software system to identify the production faults. From such a software diagnosis system we can minimize the production loss in any production plant by taking necessary steps. Currently there are various computer aided fault detection techniques those are being used for identifying the faults in production plants; however these methods are very expensive because they use expensive devices to collect data. This report explains how an inexpensive online software system could be developed to find faults in chip testing adapters by using process history data. To verify this, the Software system was tested in online production for finding its efficiency and the results are fairly good.