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STATISTICS

## MAJOR  
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The objective of this study is to compare the lost cost of the Duncan Process and the Shutdown Process for the economic optimal design of cumulative sum control chart under the condition of cost factors and risk factors. The important conclusions of the study are as follows.

In general the lost cost of the Duncan Process is less than the Shutdown Process ,except in the case of income of production process under uncontrol state is negative.

The Shutdown Process has percentage error of the lost cost less than the Duncan Process about 46.3962 %. In the case of percentage error of the lost cost is high ,the income of production process under control state will be high. But if the percentage error of the lost cost is low ,the income in production process under control state will be low and the assignable of the production process will be high.

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สาขาวิชา.....๐๐๐  
ปีการศึกษา.....๒๕๓๙

ลายมือชื่อนิสิต.....  
ลายมือชื่ออาจารย์ที่ปรึกษา.....  
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