عنوان مقاله:

A STUDY OF COMBINED CUSUM-SHEWHART (???) CONTROL CHARTS

نویسندگان:

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خلاصه مقاله:

The cumulative sum (CUSUM) control chart is known to be sensitive to slight changes in the process quality characteristics. The design of this control chart is based on a series of cumulative sums of the statistic derived from the data. To monitor both changes of the mean and variance simultaneously and comprehensively, we propose a combined CUSUM-Shewhart ??? control chart based on a single statistic for normally distributed characteristics. It has been demonstrated that the proposed combined chart detects the out-of-control state with smaller average run length (ARL) as compared to other charts like CUSUM ??? , omnibus EWMA, and the standard ??? control chart

کلمات کلیدی:

CUSUM control chart, Shewhart control chart, ??? control chart, CUSUM-Shewhart ??? scheme