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# The Study of Sampling Plans for Inspection by Variables

Mitsuru KATOH\*

This paper deals with sampling plans for inspection by variables. After describing the ordinary plans, which were presented in 1955 by Gerald J. Lieberman and George J. Resnikoff, it is then extended to new plans, — regression type sampling inspection by variables, where the immediate population mean changes linearly with time. Another extension is a target problem with short tables, which is considered as two-dimensional sampling plans for inspection by variables.

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\*加 藤 満