

# THE CONSISTENT CRITERIA FOR CHECKING HYPOTHESIS FOR GAUSSIAN HOMOGENEOUS FIELD STATISTICAL STRUCTURE

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In this paper we discuss Gaussian homogeneous field statistical structures  $\{(E, S, \mu_i) : i \in I\}$  in the Banach space of measures. We define the consistent criteria for checking hypothesis such that the probability of any kind of errors is zero for a given criteria. Necessary and sufficient conditions for the existence of such criteria are established.