

## On the Wolverton-Wagner Nonparametric Estimation of Distribution Density

Elizbar Nadaraya, Petre Babilua

It is found the asymptotic expansion for the mean of integral square deviation of nonparametric estimate of distribution density Wolverton-Wagner and limiting distribution of integral square deviation.##It is constructed the goodness-of-Fit test and established its asymptotic power for two type of "close" alternatives. It is compared with other known tests.