1092-60-30 **Manfred Denker*** (denker@math.psu.edu), Mathematics Department, Pennsylvania State University, University Park, State College, PA 16802. *Von Mises Functionals For Mixing Processes.*

A von Mises functional has the form

$$\sum_{1_1,\ldots,i_d\leq n} h(X_{i_1},\ldots,X_{i_d})$$

where X_n ($n \geq 1$) is a stochastic process and h an element in some L_p-space. I will give some conditions which ensure that the above expression is well defined and state several theorems concerning the a.s. and distributional behavior when the stochastic process is weakly mixing and stationary.

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