

1023-46-1511 **Leonard Gross*** (gross@math.cornell.edu), Department of Mathematics, Cornell University,
Ithaca, NY 14850. *Nonlinear maps of Wiener processes.*

For a particular Wiener process with an infinite dimensional Hilbert state space, H , we show how a subgroup, G , of the orthogonal group of H induces a process in a concrete realization of the quotient space H/G . (Received September 26, 2006)