

962-60-699

Aurel I Stan* (astan@math.nwu.edu), Northwestern University, Department of Mathematics,
2033 Sheridan Road, Evanston, IL 60208-2730. *A new Heisenberg inequality for White Noise
Analysis*. Preliminary report.

An analogue of the classical Heisenberg inequality is given for White Noise Analysis. The proof relies on three commutation relationships and Schwarz inequality. We also discuss when the equality holds. (Received September 21, 2000)