

A DISSIPATIVE SYSTEM DRIVEN BY A MINIMAL TURBULENCE

**V.F PAYNE
G.S LAWAL**

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF IBADAN
DEPARTMENT OF MATHEMATICS, UNIVERSITY OF IBADAN

ABSTRACT. A Non-Linear Partial Differential Equation Describing A Dissipative System Driven By A Minimal Turbulence Is Considered Using Harmiltonia System In Which Question Of Long Time Behaviour For Energy Transfer And Distribution Is Discussed.