“Yakam Matrix” in Aircraft-Runway Interface of Compression for Prediction Chaos by Martingale

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Abstract

The interface of gas-aircraft-gas-runway in “Yakam Matrix” is a chain governed during compression by stochastic multiparameter unpredictable approached in this work by Martingale. The complexity of nonlinear stochastic partial differential equation (NSPDE) is simply resolved by p-Version finite element numerical simulation method. We limited by Galerkin triplet (V_h, π_h, P_h) in Sobolev Space the chaos of “events no desired”. The difficulty is, in every incidents or accidents chaos in this interface which are subjects of a new survey that implies others. The aerospace and ground in introduction for defense, this communication develops three points : “Yakam Matrix” and its application in aerospace for aircraft, drone and satellite, Multiparameter formulation modeled by NSPDE and simulation.

Keys Words : Interface, Aircraft, runway, compression, chaos, martingale.

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