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**Stochastic
Structural
Stability
Theory
applied to
roll/streak
formation
in
boundary**

layer shear flow

Brian F. Farrell,

Petros J.

Ioannou

*(Submitted on 5
Nov 2010)*

Stochastic
Structural
Stability
Theory
(SSST)
provides
an
autonomous,
deterministic,
nonlinear
dynamical
system
for
evolving
the
statistical
mean
state of
a
turbulent
system.
In this
work