
**Aeroelastic Wing Flutter LCO as a Hopf Bifurcation Point for
a Nonlinear Convolution/Evolution Equation in a Hilbert Space**

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Flutter is an endemic instability of all aircraft that occurs at high-enough speed at any altitude. We show how it can be modelled as a Hopf bifurcation point for a nonlinear convolution/evolution equation in a Hilbert space.