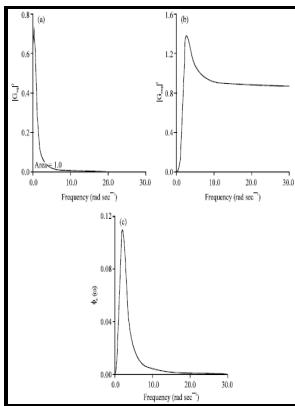


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characteize the correlation between velocities at spatially separated points.

reference

Hirsch, Rene: Recherches théoriques et expérimentales sur les moyens de soustraire un avion aux accélérations que peuvent engendrer les perturbations atmosphériques. The reader is introduced to the basic concepts involved in modeling the turbulent fluctuations of the wind.

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The emphasis is placed on this model to identify the key turbulence inputs which are important in wind turbine design. The report presents numerous spectral density plots for the various turbine system responses, and discusses the results in some detail.

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reference

Lin, Shih-Nge: A Mathematical Study of the Controlled Motion of Airplanes.

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