## JAVAD MASHREGHI, Laval University

Periodic solutions of linear systems

We show that under a unique set of initial values, the output response to a periodic input is pure periodic (no vanishing term). Main tools are the quotient operator and the Laplace transform. Interestingly enough, this is a pure mathematics theorem which was obtained via electrical measurements in an engineering lab.

Joint work with A. Khajehoddin and M. Daryaei.