

Right on time: Measuring Kuramoto model coupling from a survey of wristwatches

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Using a survey of wristwatch synchronization from a randomly selected group of independent volunteers, one can model the system as a Kuramoto-type coupled oscillator network. Based on the phase data, both the order parameter and an estimated value of the coupling is derived and the possibilities for similar research to deduce topology from dynamics are discussed.

Comments: 7 pages, 3 figures

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