# Autocorrelation measure independent of the mean and its outcomes

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For the nonlinear and the nonstationary systems the mean is not a significant measure. Bearing this in mind we make an effort to define an autocorrelation measure independent of the mean. Our suggestion is to analyse the local variation. We do this through the ratio of the first differences of the time serie values get from the system. The results don't seen to show more than the standard one. It don't to give any deeper insight about the systems studied with it. Except for a simple case of nonstationarity, this measure are not well suited for non-something systems. But an intriguing result appeared for some chaotic maps. And the reason for that is not clear at all.