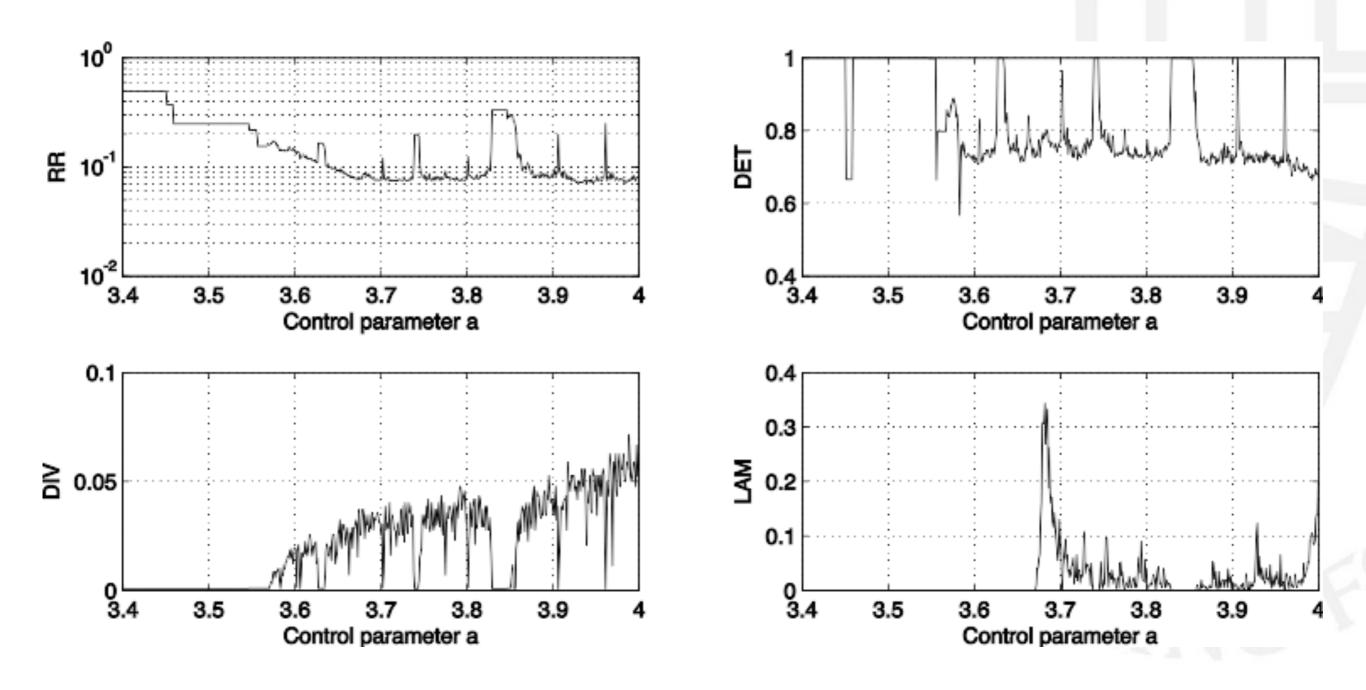
Logistic map – Transitions revealed by lagged RQA

note: a = r in bifurcation diagram on previous slide



Further reading

 The paper by Marwan et al in Physics Reports tells you everything you wanted to know... and more.

274 N. Marwan et al. / Physics Reports 438 (2007) 237-329

Table 2
Comparison of RQA measures based on diagonal (DET, L and L_{max}) and vertical structures (LAM, TT and V_{max}) regarding periodic-chaos/chaos-periodic transitions (PC/CP), chaos-chaos transitions (band merging—BM and inner crisis—IC) and laminar states

Measure	PC/CP transitions	BM and IC	Laminar states
DET	Increases	_	_
L	Increases	_	_
L_{max}	Increases	_	_
LAM	Drops to zero	_	Increases
TT	Drops to zero	Increases	Increases
V_{max}	Drops to zero	Increases	Increases