

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
<i>DET</i>	Increases	—	—
<i>L</i>	Increases	—	—
<i>L</i> _{max}	Increases	—	—
<i>LAM</i>	Drops to zero	—	Increases
<i>TT</i>	Drops to zero	Increases	Increases
<i>V</i> _{max}	Drops to zero	Increases	Increases



Order Patterns Recurrence Plot

- Sort of “filter”: not recurrences of values, but order patterns



Fig. 2 Order patterns for dimension $d = 3$ (tied ranks $u_i = u_{i+\tau}$ are assumed to be rare)

Order patterns recurrence plots in the analysis of ERP data

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