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Data  
Analysis,  
Statistics  
and  
Probability

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**Description  
of  
stochastic  
and  
chaotic  
series  
using  
visibility  
graphs**

Lucas Lacasa,

Raul Toral

*(Submitted on 14  
Oct 2010)*

Nonlinear  
time  
series  
analysis  
is an  
active  
field of  
research  
that  
studies  
the  
structure  
of  
complex  
signals  
in order  
to derive  
information  
of the  
process  
that  
generated  
those