

INDAM MEETING:  
**HYPERBOLIC DYNAMICAL SYSTEMS  
IN THE SCIENCES**

CORINALDO (ITALY)  
MAY 31 - JUNE 4, 2010

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**On the limit curlicue process for theta sums**

I shall describe a random process achieved as the limit for the ensemble of curves obtained by interpolating the values of theta sums. The existence and the properties of this process are shown by means of purely dynamical tools and rely on a generalisation of results by Marklof and Jurkat and van Horne.

(Joint work with J. Marklof)