

Grupo de Investigación UCM
Métodos de Inferencia Causal y Representación Científica

Complutense Research Group
Methods of Causal Inference and Scientific Representation

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“The Coordinating Process of Entropy:
A Story Viewed from Within”

Jueves, 5 de Septiembre de 2013, 12:00 hrs
Thursday 5 September 2013, 12:00 hrs

Seminario del Departamento de Lógica y
Filosofía de la Ciencia.
Facultad de Filosofía, Edificio “B”.
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Asistencia Libre / Free Entrance

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Fernanda Samaniego (IFF, UNAM, Mexico):

The earliest version of the Coordination Problem is probably Reichenbach's attempt to answer (in the 1920's) the following question: "How do the objects of knowledge in mathematics link up with the objects of knowledge in physics?" More recently the problem has been re-formulated, by Bas van Fraassen (Scientific Representation, 2008), who introduced an element of historical contextually in the problem. In this talk I follow van Fraassen's suggestion and I tell the story of the coordination process of entropy. I will argue that the current instability of entropy as measurement parameter points at the fact that Statistical Mechanics remains an immature theory in van Fraassen's term.