Join us for the 24th Hyogo Science E-café:
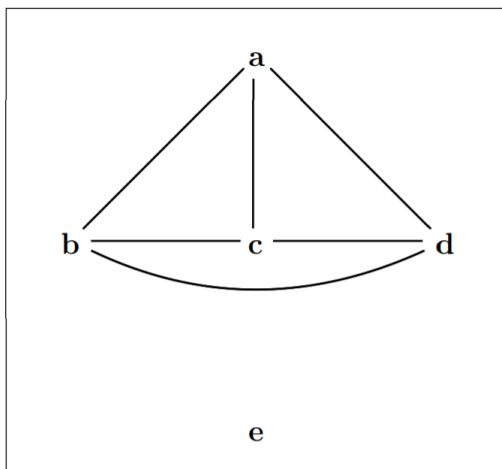# What are mathematical structures?
数学的構造とは何か？

Image credit:
Leon Horsten

Guest: Leon Horsten Professor of Philosophy School of Arts, University of Bristol

Mathematical structuralism (数学的構造主義) has become the dominant view in the philosophy of mathematics. According to this view, the subject matter of mathematics consists first and foremost of mathematical structures. This raises the question: what are mathematical structures? (数学的構造)

In the first part of the session, I will review the standard positions on the question what mathematical structures are. The distinction between eliminative structuralism (消去的構造主義) and non-eliminative structuralism (非消去的構造主義) is discussed. Special attention is given to set theoretic structuralism. (集合論的構造主義)

In the second part of the session, I will introduce my own research on the subject. I will argue that mathematical structures should be seen as generic systems (汎システム), and I will explain what the latter are.

New location: G-Navi Commons, Hyogo International House　600円
Thursday June 7th 18:30-20:30

Join us for an English science lecture and discussion over café drinks and sandwiches. *Please let us know if you have any dietary requirements.*

To register, e-mail your name to The Kobe University Science Shop at:
HSE-CAFE@RADIX.H.KOBE-U.AC.JP
Register by Monday June 4th.
Space is limited to the first 30 people.

1-2-8 Wakihamacho, Chuo-ku, Kobe, Hyogo 651-0072
Tel: 078-242-2561, Fax: 078-242-2562
* 3 min. walk from Hanshin Iwaya Stationn
* 5 min. walk from JR Nada Station
* 10 min. walk from Hankyu Oji-koen Station