

授業科目名 <英訳>	哲学(特殊講義) Philosophy (Special Lectures)				担当者所属・ 職名・氏名	文学研究科 准教授 大塚 淳					
配当 学年	1回生以上	単位数	2	開講年度・ 開講期	2018・ 後期	曜時限	金1	授業 形態	特殊講義	使用 言語	英語
題目	Introduction to the theory of measurement										
【授業の概要・目的】											
<p>Any scientific investigation must begin with measuring its objects. Measurement assigns numbers to things, but what does it mean and how is it possible? We can surely quantify length and weight, but also stress level or happiness in the same sense? If not, why?</p> <p>The concept of measurement lies at the center of various philosophical issues such as objectivity, representation, and meaningfulness. This seminar reads standard texts on the theory of measurement to explore its philosophical implications.</p>											
【到達目標】											
<p>In this class, students will learn the basic concepts and issues concerning measurement as well as applications of formal ideas (i.e. symmetry and invariance) to philosophical questions.</p>											
【授業計画と内容】											
<p>We plan to read (excerpts from) the following books/papers. For each week a presenter gives a summary of the assigned text and leads the discussion. Evaluation is based on presentation and participation in discussion. Every participant is required to actively engage in discussion --- just attending to class does not warrant a credit.</p> <p>* Narens, L. (2007). Introduction to the Theories of Measurement and Meaningfulness and the Use of Symmetry in Science. Mahwah: Lawrence Erlbaum Associates.</p> <p>* Suppes, P. (2002). Representation and Invariance of Scientific Structures. Stanford, CA: CSLI Publication.</p> <p>* Krantz, D. H., Suppes, P., Luce, R. D., & Tversky, A. (1971). Foundations of Measurement (Additive and Polynomial Representations), vol. 1. Academic Press.</p> <p>All reading materials will be posted on Panda.</p> <p><Plan> Week 1: Introduction Week 2-15: Selective reading from the above texts</p>											
【履修要件】											
特になし											
【成績評価の方法・観点及び達成度】											
Presentation and participation to in-class discussion											
【教科書】											
授業中に指示する All reading material will be posted on Panda.											
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哲学(特殊講義)(2)

[参考書等]

(参考書)
授業中に紹介する

[授業外学習(予習・復習)等]

Students are required to read assigned texts closely before class and to note down their comments and/or questions.

(その他(オフィスアワー等))

For the basic idea of the theory of measurement, refer to
<https://junotkja.wordpress.com/2014/11/20/patrick-suppe-1922-2014>と測定理論/

Note that it is NOT directly related to measurement theory in mathematics (e.g. theory of Lebesgue measure and so on)

オフィスアワーの詳細については、KULASISで確認してください。