

Pierrot Seban (Université Toulouse - Jean Jaurès): “Synthetic a priori, schematism, and diagrammatic practices”

We aim to participate to the rehabilitation of Kantianism in contemporary Philosophy of Mathematics, by reconsidering the concept of “schematism” in the light of the Philosophy of Mathematical Practice. We show that Kantian schematism has two distinct and independent meanings and uses, whereby we concur with recent works on mathematical diagrams and their non-representational role. This allows an understanding of how contemporary formalist practices remain concerned with synthetical a priori knowledge and spatio-temporal intuitions.