

Structural Distinctions. Entities, structures and changes in science.

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Abstract

Abstract. I argue that pessimistic meta-induction (PMI) seems to point an ontological priority of the relations over the objects of the scientific theories of the kind suggested by French and Ladyman (French and Ladyman 2003). My strategy will involve a critical examination of epistemic structural realism (ESR) and historical case-study: the prediction of Zeeman' s effect in Lorentz' s theory of electron.

Keywords: scientific realism; ontic structural realism; changes in science; Lorentz theory of electron; Zeeman effect;

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