Symsers: Extensions of Categories and Systems in AI and other Fields

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1 Introduction

- 2 Main
- 2.1 "Sysms" vs. Categories¹ (Mathematics)
- 2.2 Description Logics (Logics)
- 2.3 Ontologies & Ontology² (AI and Philosophy)
- 2.4 UMLs & ERDs (Software Design and Data Science)
- 2.5 Cognitive Architectures (Cognitive Science)
- 2.6 Syntax Trees (Linguistics and Language)
- 2.7 Diagrams (Semiotics and Symbology)
- 2.8 "Sysmers" vs. Systems (Systems Theory)

3 Conclusion

References

MacLane, Saunders. Categories for the Working Mathematician. 2nd ed. Springer, 1997.

Platon. Werke in acht Bänden. German and Greek. Ed. by Gunther Eigler. 6., unveränderte Auflage. Wissenschaftliche Buchgesellschaft (wbg), 2010. ISBN: 978-3-534-24059-3.

 $^{^1\}mathrm{Saunders}$ MacLane. Categories for the Working Mathematician. 2nd ed. Springer, 1997

 $^{^2}$ Platon. Werke in acht Bänden. German and Greek. Ed. by Gunther Eigler. 6., unveränderte Auflage. Wissenschaftliche Buchgesellschaft (wbg), 2010. ISBN: 978-3-534-24059-3.