## 3MT style video submission for the Research Writing Strategies course assignment at Purdue University in Spring 2025

* <https://www.youtube.com/watch?v=LjzpisszvkA>

## References

* Hayakawa, S. I. (1949). \*Language in Thought and Action\*. New York: Harcourt, Brace & World.
* Lachmy, R., Pyatkin, V., Manevich, A., & Tsarfaty, R. (2022). Draw Me a Flower: Processing and Grounding Abstraction Mitchell, M. (2021). Abstraction and analogy-making in Artificial Intelligence. \*Annals of the New York Academy of Wang, Q., & Goel, A. K. (2024). Mutual Theory of Mind for Human-AI Communication. \*arXiv preprint arXiv:2210.03842\*.
* Gerosa, M., Koleszar, C., Tejera, A., Gómez-Sena, L., & Carboni, A. (2021). Abstraction and problem-solving
* Leinster, Tom (2016). Basic Category Theoryhttps://arxiv.org/pdf/1612.09375

***To include the following – in APA format references – to include Hyperlinks also – this section is currently work-in-progress 04/09/2025***

**Tai-Danae Bradley - An Enriched Category Theory of Language - IPAM at UCLA**

* [Tai-Danae Bradley - An Enriched Category Theory of Language - IPAM at UCLA](https://www.youtube.com/watch?v=KCtyiE6Ybnc)

**Action is the primary key: a categorical framework for episode description and logical reasoning, - Yoshiki FUKADA**

* [arxiv.org/pdf/2409.04793v1](https://arxiv.org/pdf/2409.04793v1)

**Category Theory in Deep Learning: A New Lens for Abstraction, Composition, and the Nature of Intelligence**

* [Category Theory in Deep Learning: A New Lens for Abstraction, Composition, and the Nature of Intelligence | by Sethu Iyer | Medium](https://medium.com/%40sethuiyer/category-theory-in-deep-learning-a-new-lens-for-abstraction-composition-and-the-nature-of-2806963c677f)

**Categorical compositional distributional semantics**

* [categorical compositional distributional semantics in nLab](https://ncatlab.org/nlab/show/categorical+compositional+distributional+semantics)

**CatColab - A collaborative environment for formal, interoperable, conceptual modeling**

* <https://topos.institute/work/catcolab/>

**Position: Categorical Deep Learning is an Algebraic Theory of All Architectures - Petar Velickovi´ et all**

* [Position: Categorical Deep Learning is an Algebraic Theory of All Architectures](https://arxiv.org/pdf/2402.15332)