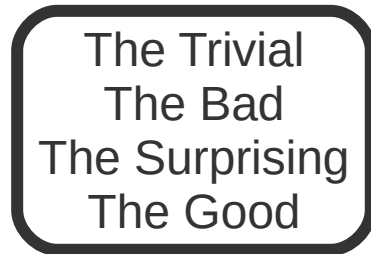


Self-Test

- 1) What is a typical size of VSA vector space?
- 2) In your own words: What are the four presented properties of high-dimensional vector spaces?



https://www.tu-chemnitz.de/etit/proaut/vsa_ecai20

- 3) Is the result of **bundling** A and B similar to A?
- 4) Is the result of **binding** A and B similar to A?
- 5) How many lines of code are required to implement a VSA (rough estimate)?
- 6) With the taxonomy of binding operators in mind, what is the requirement for the presented VSA approach to the “The Dollar of Mexico” example?
- 7) The place recognition demo uses sequences of CNN descriptors of camera images. Why is the binding operator important for the presented solution?