

Applied Artificial Intelligence

Session 24: Homework, project presentations

Fall 2018

NC State University

Lecturer: Dr. Behnam Kia

Course Website: <https://appliedai.wordpress.ncsu.edu/>

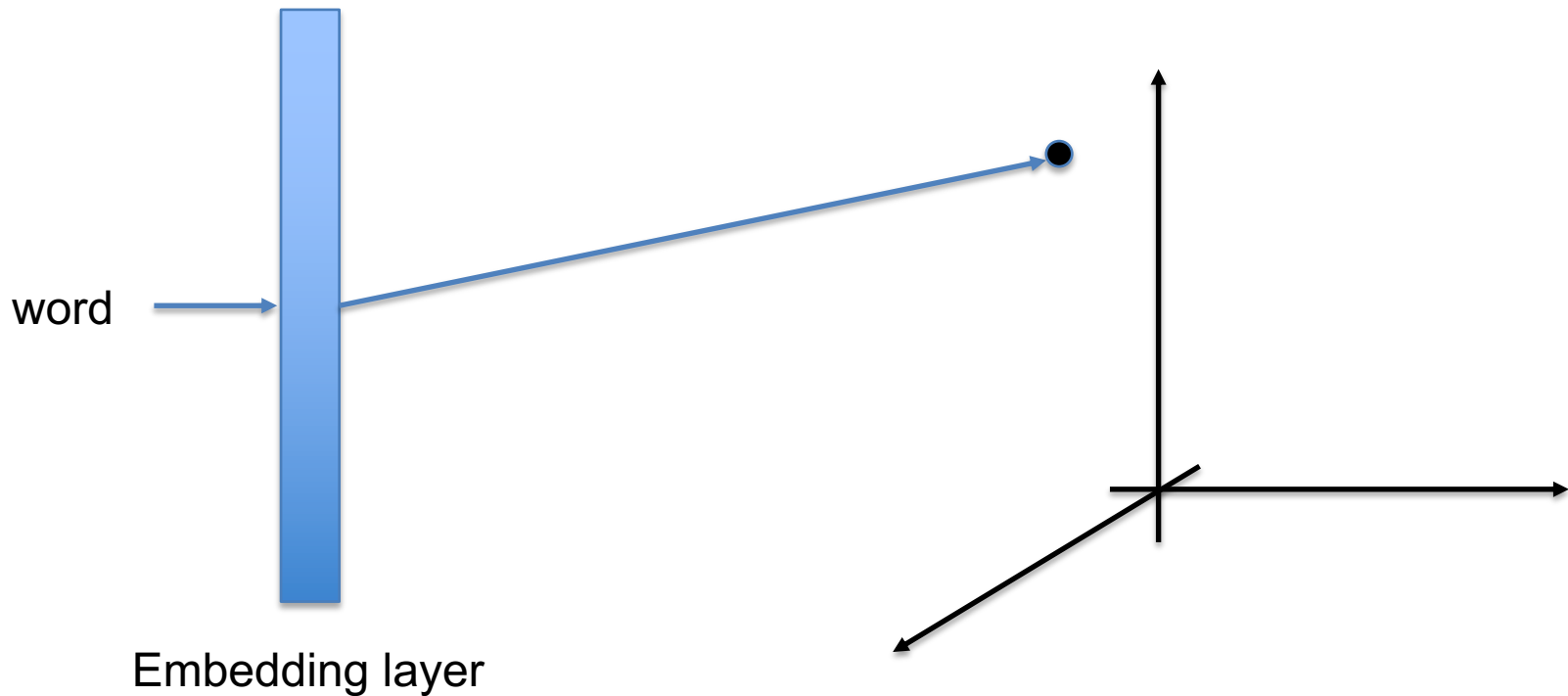
Homework: Embedding

Deadline: Tuesday Nov 27, 3PM

- Given a word, find the closest word to it – hopefully a synonym.

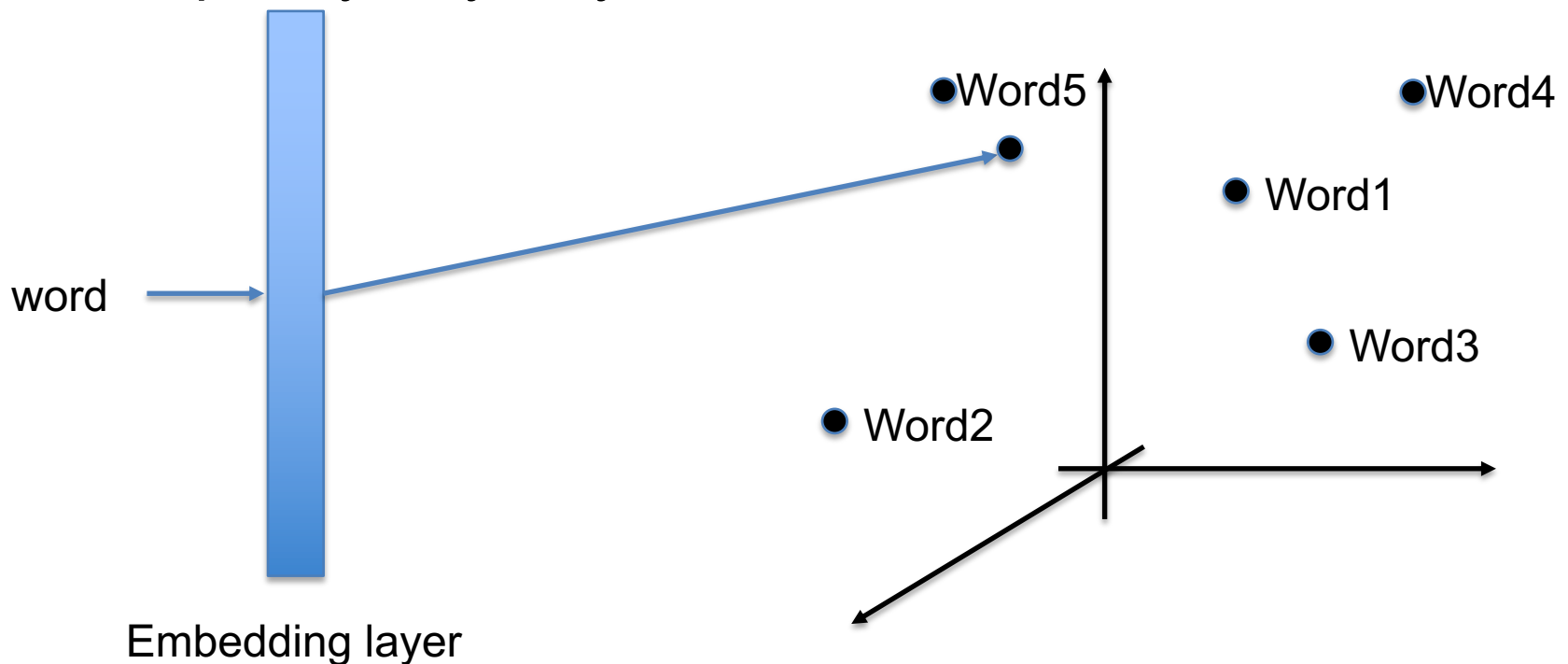
Homework: Embedding

- Given a word, find the closest word to it in the dictionary – hopefully a synonym.



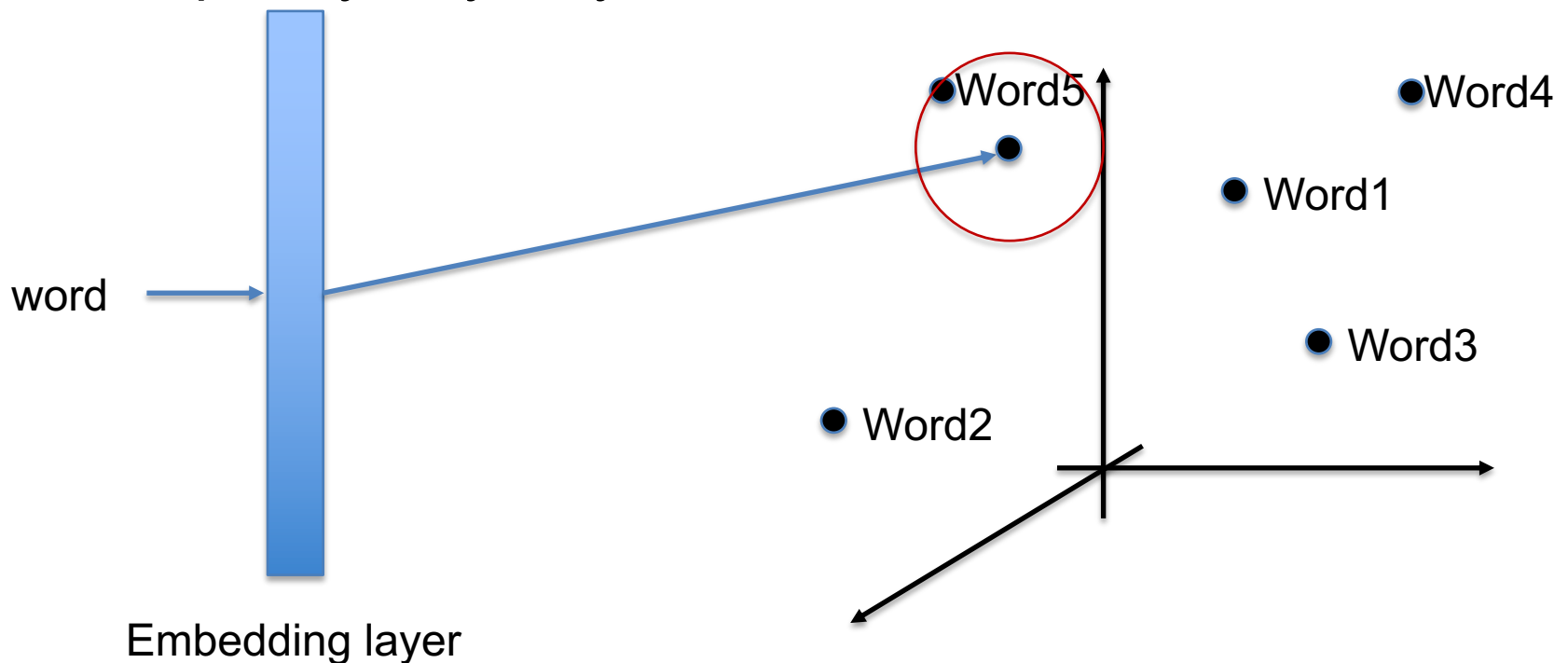
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Homework: Embedding part 2

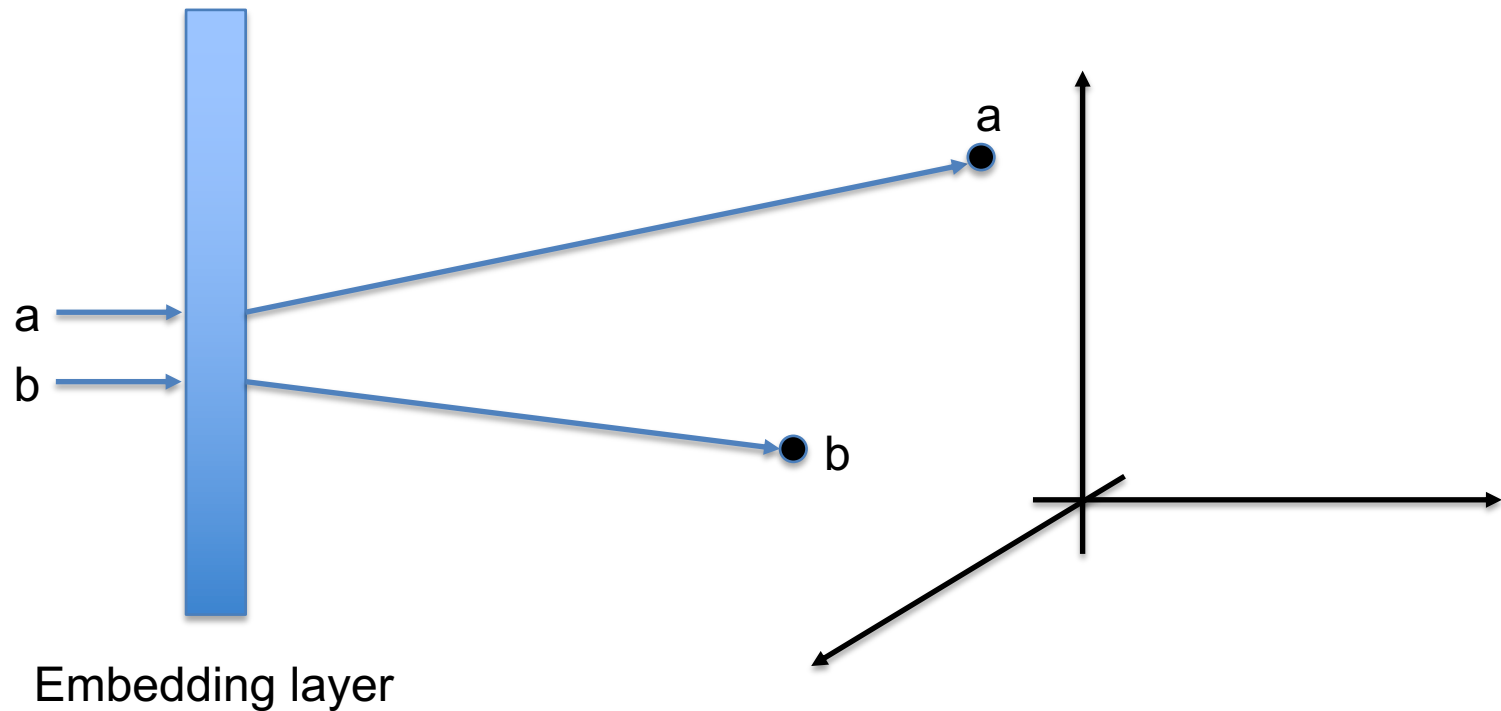
- Words ***a*** has some relationship with ***b***. For a given word ***c***, find word ***d*** that word ***c*** has the same relationship with word ***d***.
- Example 1:
 - ***a*** is ***Paris***
 - ***b*** is ***France***
 - Word ***a*** has a relationship with word ***b***. (in this case ***a*** is ***b***'s capital).
 - If ***c*** is ***London***, what should be ***d***?

Homework: Embedding part 2

- Words ***a*** has some relationship with ***b***. For a given word ***c***, find word ***d*** that word ***c*** has the same relationship with word ***d***.
- Example 2:
 - ***a*** is ***man***
 - ***b*** is ***men***
 - Word ***a*** has a relationship with word ***b***. (in this case ***a*** is ***b***'s singular form).
 - If ***c*** is ***woman***, what should be ***d***?

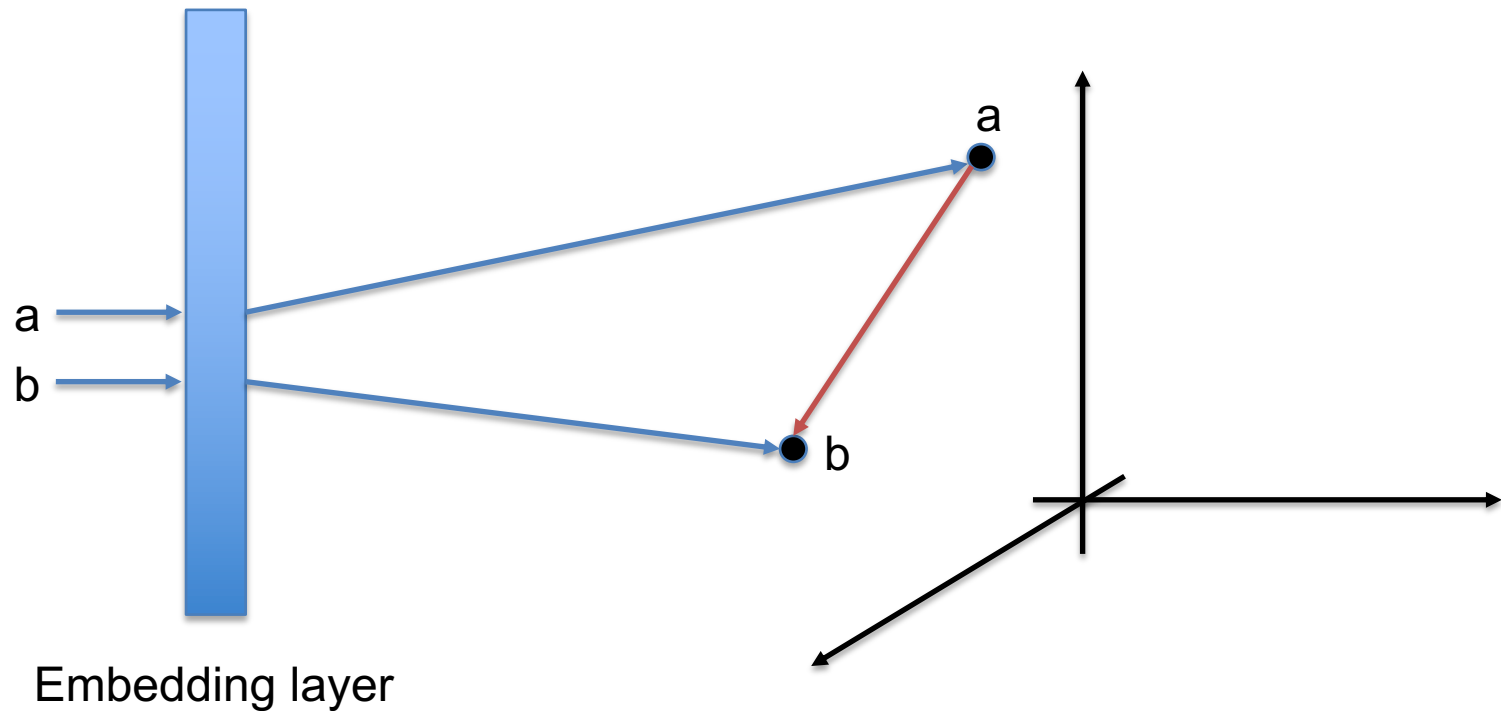
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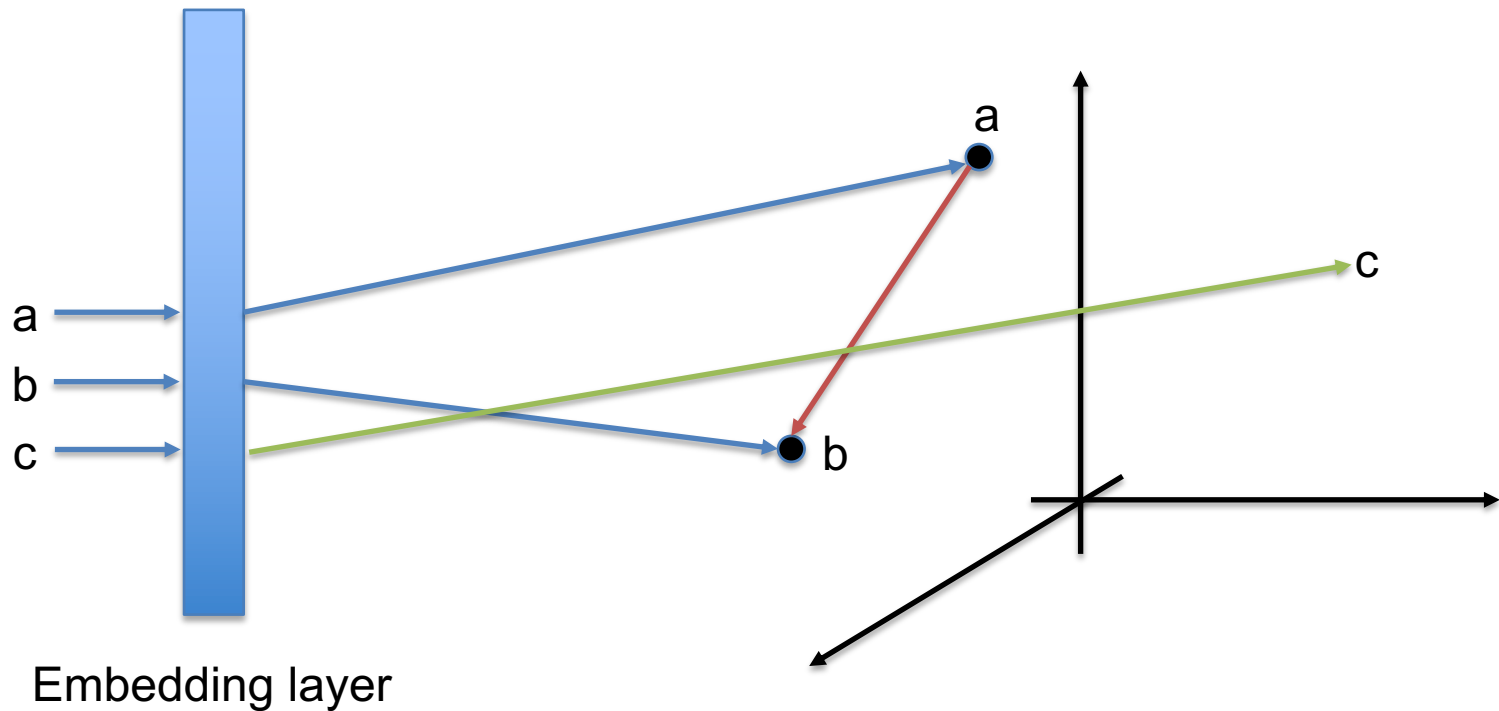
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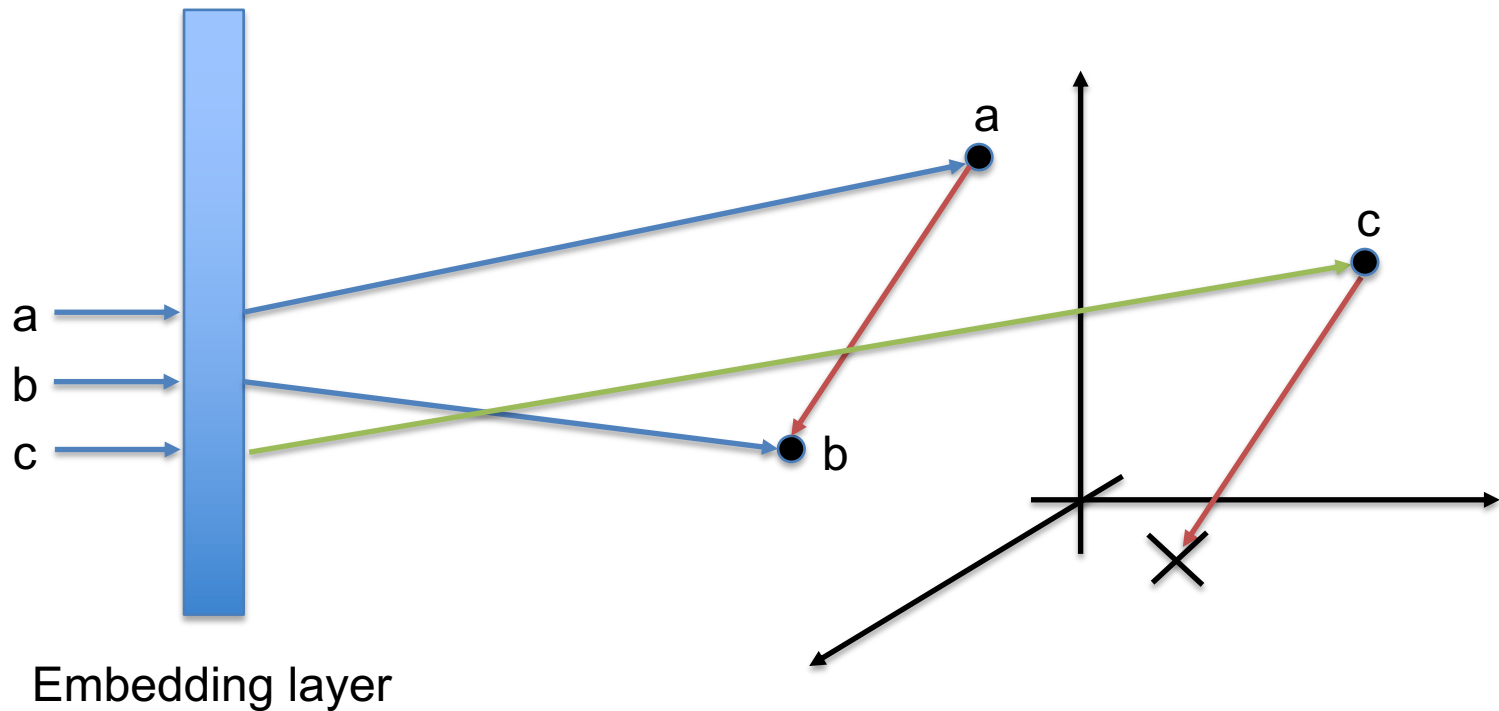
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