

<https://recommendpapers.xyz>



Kenneth Church

Recommend Papers

Search by Paper

Method: Embedding or API:

ProNE and Specter

Limit: 5

Query (e.g., BERT) + <enter>

Search by Author

Method: Embedding or API:

ProNE and Specter

Limit: 5

Query (e.g., Erdos) + <enter>

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Resources for Academic Search



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- Web page
- API
- Bulk download of multiple embeddings, $Z \in \mathcal{R}^{n \times d}$
 - $S \in \mathcal{R}^{n \times n}$ is a similarity of n^2 papers for $n = 10^8$
 - $S = ZZ^T$ where $10^2 < d < 10^4$ (hidden dimensions)
 - Some embeddings are based on BERT
 - and some are based on spectral clustering
- Claim: the embedding problem is bounded above and below by SVD
 - Consequence:
 - mini-batches cannot compute embeddings (without introducing losses)
 - because mini-batches are a FSM (constant space and linear time)