中国科学院大学 University of Chinese Academy of Sciences

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Deep Joint-Semantics Reconstructing Hashing for Large-Scale Unsupervised Cross-Modal Retrieval

ICCV2019

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Outline

Outline

Motivation

- Here you can see an itemization
- Here you can see an itemization
- Here you can see an itemization
  - It has items
  - It has items
    - It has items
    - The items are below each other

Outline

Joint-Semantics Matrix

Top right of the slide shows subsections

Reconstructing with Binary Codes

1. Here you can see an enumeration
2. It has items
3. The items are numbered

$$f(x) = \sum_{i=0}^{\infty} \frac{f^{(i)}(x_0)}{i!}(x - x_0)^i$$

Outline

Datasets

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Observation

Simmons Dormitory is composed of brick.

Evaluation Criterion

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Implementation Details

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Observation

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Retrieval Performance

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Ablation Study

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Observation

Simmons Dormitory is composed of brick.

Outline

Think &Conclusion

Paragraph function

Write a function 'paragraph' that constructs a picture of width w of some text t, such that the content splits into as many lines as needed to fit into a paragraph of w columns.

paragraph.ml

```
let paragraph s n =
  let rec traverse  buffer n i = function
   | [] -> Picture.row (Lst.reverse buffer)
   | x::xs ->
   if i = n then traverse (x::'\n'::buffer) n 1  xs
   else traverse (x::buffer) n (i+1) xs in
   traverse [] n 0 (Strng.of_string s);;
```

Outline

Github Code

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Thank you for your attention!