Web Info Processing

- with Deep Learning Models

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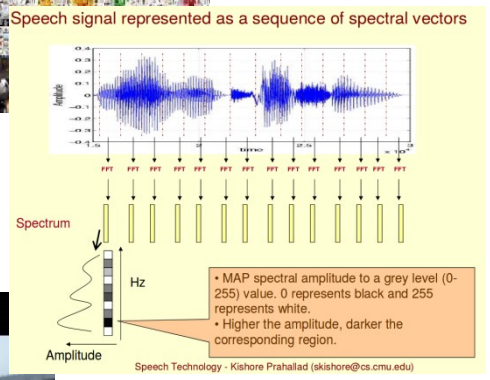
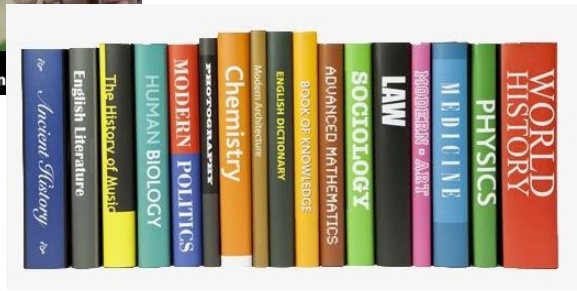
Web information





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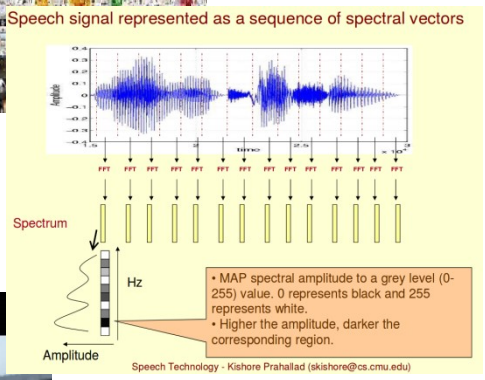
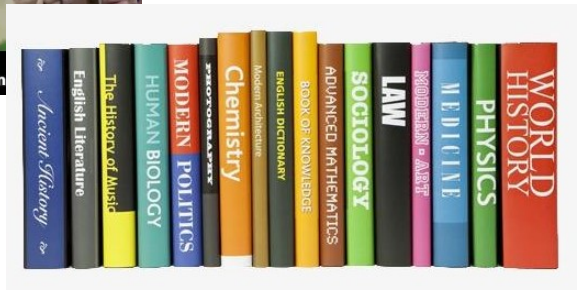
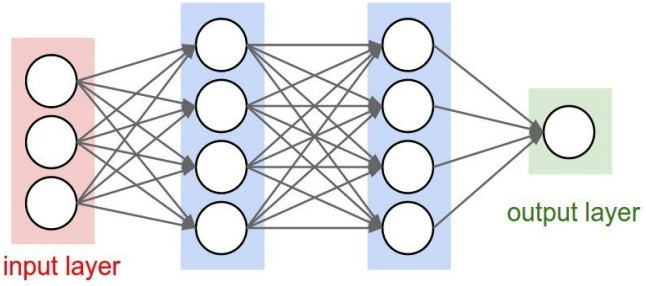
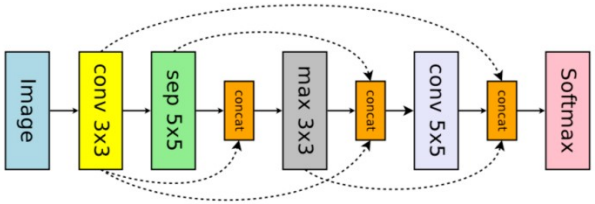
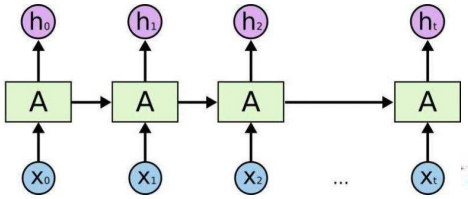
A Unified Approach











OF CHINA

Deep Learning Models

- Fundamental DL Models
  - Convolutional Neural Network
  - Recurrent Neural Network
  - Generative Adverial Network

PYTORCH

- Advanced DL Models
  - CapsuleNet
  - Transformers
  - WGAN

Class Project

- Every class member should submit ONE class project with PyTorch
- You should prepare your own dataset, and train your own model with PyTorch
- The project should be focused on Image, Sound, Video, or Textual contents.

Grading Policy

- 50% points for the final project report (on Github)
- 50% points for the final class presentation

Project Submission

- Please use our project submission repo on Github.

https://github.com/info-ruc/Web-20