Experiments

Qualitative Results

 Observed that the selected summaries are related to one or both concepts in the given query, demonstrates that CHAN is able to find diverse, representative and query-related summaries.

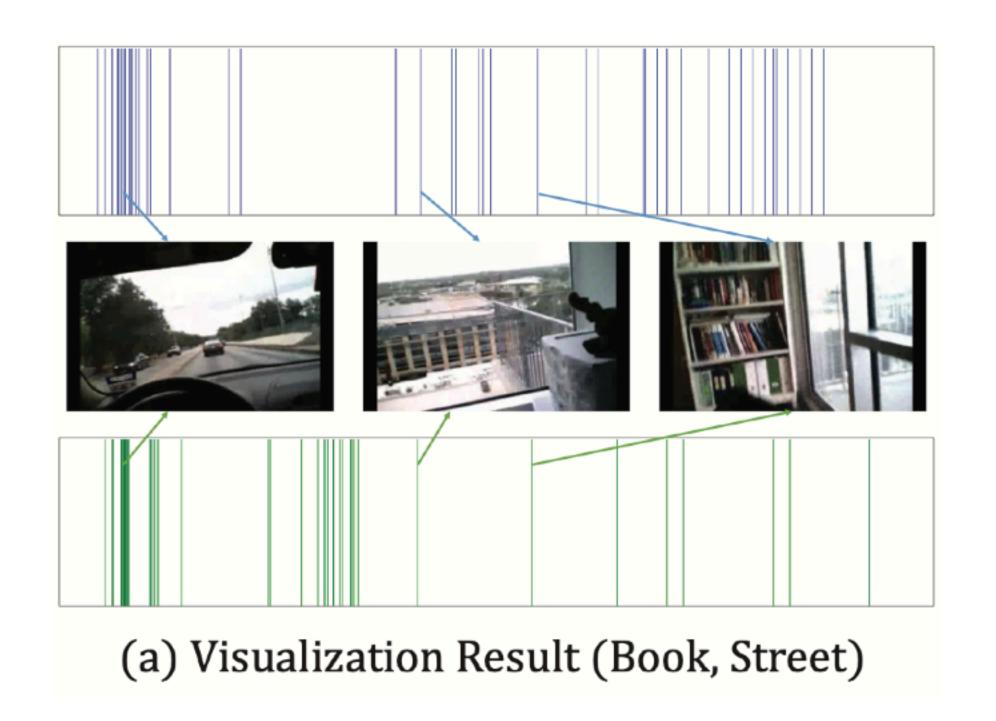


Figure 3: The visualization results of our approach. The x-axis denotes the video shot number. Green lines represent the ground truth annotations and blue lines represent the predicted key shots from our method. Figures shows the summary for the query "Book Street"

Conclusions

and Further works

- Formulate query-focused video summarization as ranking task
- CHAN is firstly encodes the video shots in parallel, then computes relevance scores between each shot and query and finally generate query-related video summary
- Extensive experiments on the benchmark dataset show the effectiveness and efficiency of CHAN
- The authors are going to design a more general model which can generate video summary for new queries.