**Goal**
Text-based video asset retrieval displaying:
- Relevant keyframes
- Diversity of assets

**Challenge**
Determine keyframe relevance when annotation is only available at the asset scale.

**Assumptions**
Relevant keyframes are:
- Visually similar
- Near duplicates in multiple assets.

The **Random Walk** algorithm can estimate the relevance of every keyframe according to its visually weighted edges in a Similarity Graph [Hsu'07].

**Problem:**
Visual redundancy generates multiple connections (intra- & inter-asset) that increase relevance.

**Solution:**
Filter intra- and inter-asset edges.

The filters and random walk are applied separately for every considered visual feature before fusion.

**Architecture**

Experiments show that asset diversity is increased without significant degradation of the precision.

**Results**

<table>
<thead>
<tr>
<th>Query</th>
<th># assets</th>
<th># KFs</th>
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<tbody>
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<td>66</td>
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<tr>
<td>Football</td>
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