(a) Graph representations

Hierarchy graph (only inclusion relations)

Reference graph (inclusion and cross-reference relations)

Sequence graph (sequence and cross-reference relations between numbered items; inclusion encoded in sequence weights)

Quotient graph with equivalence classes based on chapters (text and cross-references aggregated on chapter level)

Nodes
- law
- chapter
- subchapter
- section

Edges
- hierarchy
- reference
- sequence (weighted)

(b) Edit operations

t_0

t_1

Edit operations
- node addition
- node deletion
- reference addition
- reference deletion
- text addition
- text deletion