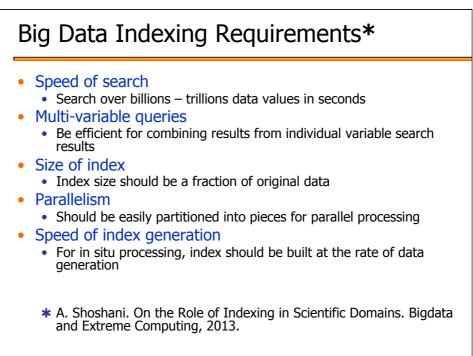


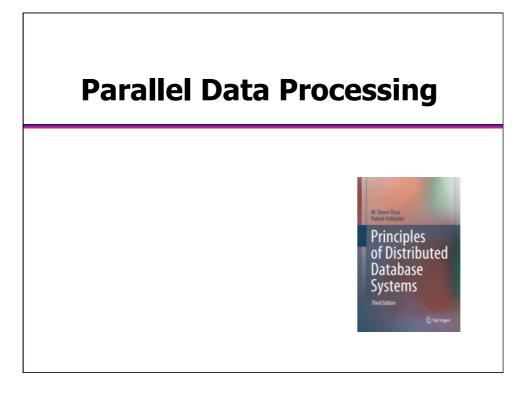
Other Major Structures

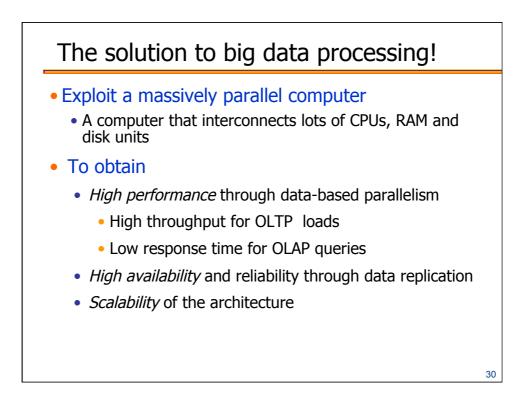
- Inverted files
 - Special tables with rows of the form: <value, list of keys> pairs
 - Ex. <value, (doc-id:id₁, doc-id:id₂, doc-id:id₁₀)>
 - · Given an attribute value, returns all corresponding keys
 - Like secondary indexes, these keys can in turn be used to access the corresponding data using a primary index
- Join indices [Valduriez 87]
 - Capture the join of two tables in a compact way
 - Also useful for complex structures, e.g. graphs
 - Speeds up complex query processing
 - Many variations, e.g. Oracle bitmap join indices

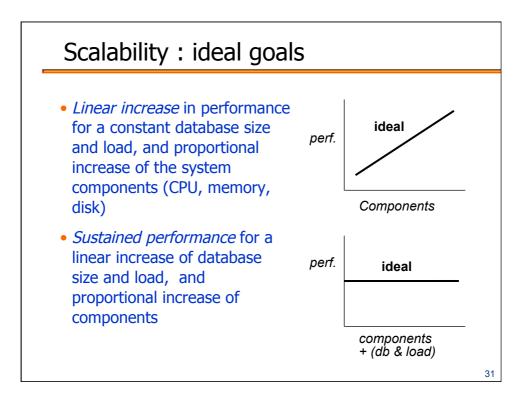


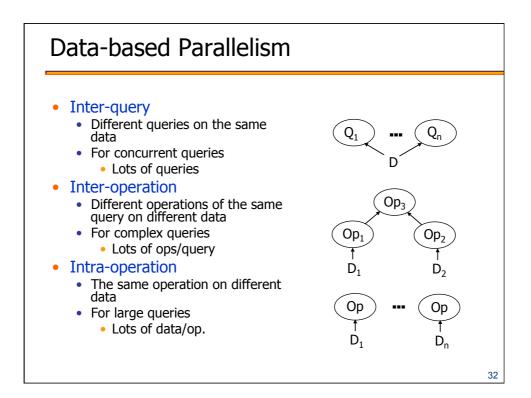
28

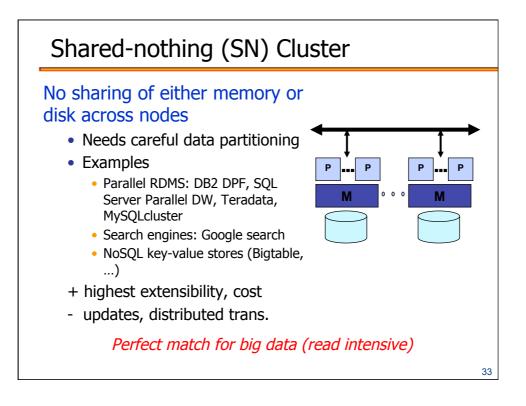
27

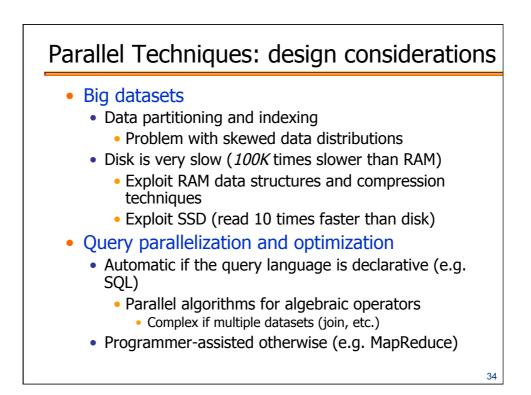


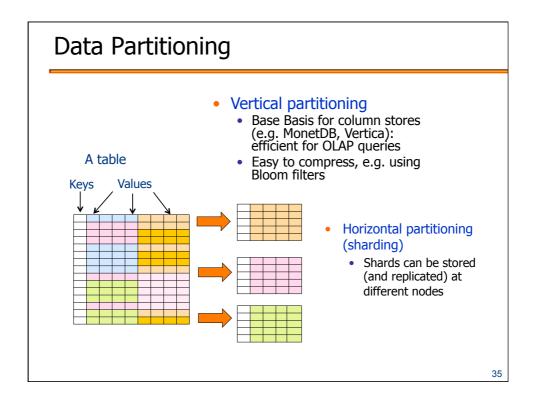


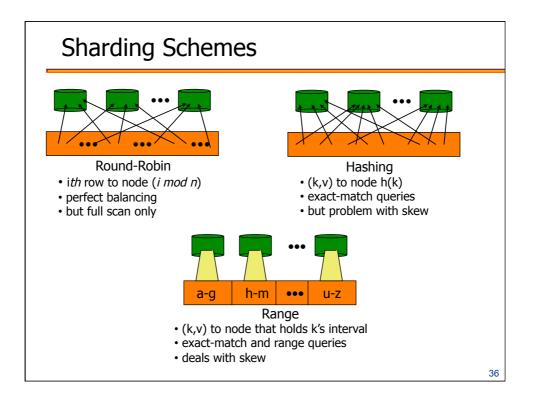


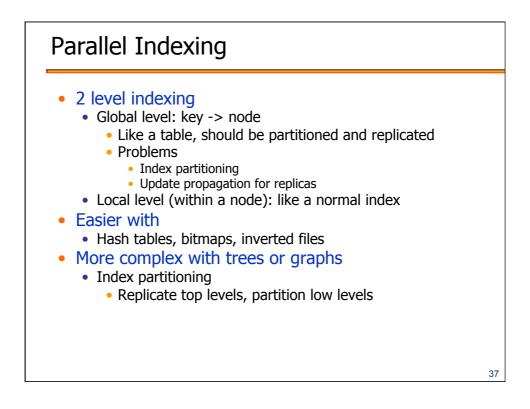


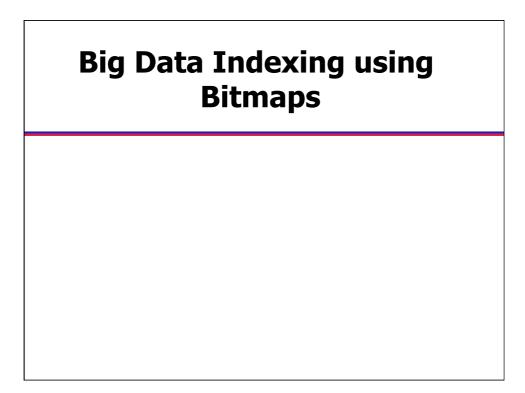


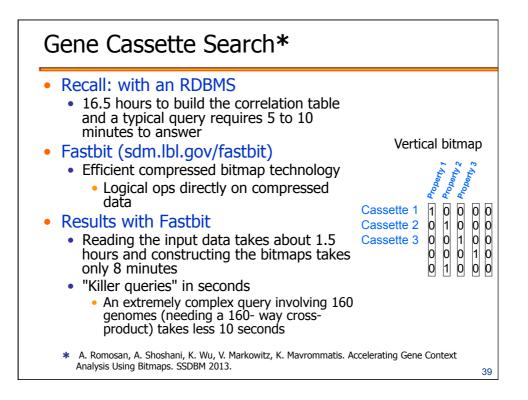


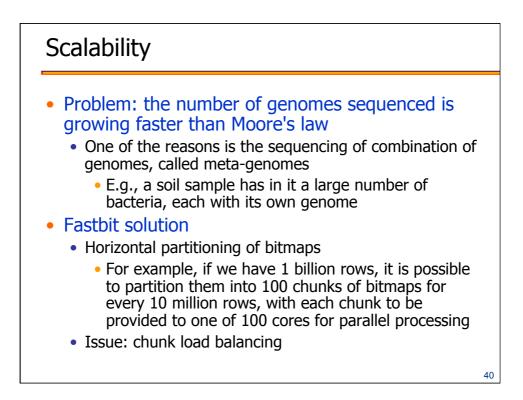












Conclusion

