**Classification of Index Structures**

* **Clustering**: Data likely to be processed together should be stored physically close.
  + **Tuple Clustering**: Store related tuples on the same physical page.
  + **Page Clustering**: Store related pages close together on secondary storage, allowing prefetching.
* **Dimensionality**: Number of attributes (dimensions) used to calculate the index key.
* **Symmetry**:
  + **Symmetrical Index**: Performance is independent of the order of index attributes.
  + **Asymmetrical Index**: Performance depends on the order of the index attributes.
* **Tuple References**: Type of references used within the index structure.
* **Dynamic Behavior**: Effort required to update the index structure during insert, update, and delete operations, and the issue of potential "degeneration."