Synset a set of synonyms to represent word senses

Synonymy (same-name) a symmetric relation between word forms **Antonymy** (opposing-name) a symmetric relation between word forms

Hyponymy (sub-name) a transitive relation between synsets

Hypernymy(super-name) inverse of hyponymyMeronymy(part-name) complex semantic relationHolonymy(whole-name) inverse of meronymy

Troponymy (manner-name) is for verbs what hyponomy is for nouns