

### III Use of Polymorphism.

#### Strategy Pattern:

Nickel  
Block  
ans GOF!

→ GOF Pattern

→ BSP region?

→ break procedural text lines into units [GOF]

+ different algorithms executable

+ interchangeable

+ Liskov [wiki: Liskov Principle] ? added by Fabian

"Same behavior as abstract specification"

guarantees no wrong or unexpected behaviour

→ less duplication

+ "configurable" class/algorithm with different behaviour [GOF]

+ different variants or different implementations of the Algorithm [GOF]

→ "Move multiconditionals and branches to own strategy class" [GOF]

Out of topic

→ Fabian Null object Pattern helps if there might be a if condition with no early return. ("Empty Strategy")

⇒ "Move different decisions (conditionals) and consequences (branches) to other classes, hidden behind a common interface" [GOF]