```
IndexOp: trait
  % Select the i-th  element in the container
  % (in enumeration order).
  assumes Integer, Container
  introduces __[__]: C, Int → E
  asserts ∀ c: C, i: Int
    c[0] == head(c);
    i ≥ 0 ⇒ c[i+1] = tail(c)[i]
```