```
SetToRelation: trait
  % Map a (finitely generated) set
  % to the relation that represents it.
  assumes SetBasics, RelationBasics
  introduces
    relation: C → R
  asserts
    ∀ e: E, s: C
      relation({ }) == ⊥;
      relation(insert(e, s)) == [e, e] ∪ relation(s)
  implies
    ∀ e: E, s: C
      e ∈ s == e 〈 relation(s) 〉 e
    converts relation
```