1. Person hasMother Person
2. Person isMarriedTo Person
3. Person has Ancestor Person
4. Animal hasHabitat Place
5. Person isAuthorOf Book
6. Person hasLegalName Name
7. Party hasTemporalExtent TemporalExtent
8. Person hasPlaceOfOrigin Place
9. ManufacturedItem hasCarbonFootPrint Quantity
10. Place hasAverageElevation Quantity

Which selection of axioms seem appropriate?

1 2 3 4 5 6 7 8 9 10

Class disjointness

Domain

Scoped domain

Range

Scoped range

Existential

Inverse existential

Functionality

Qualified functionality

Scoped functionality

Qualified scoped functionality

Inverse functionality

Inverse qualified functionality

Inverse scoped functionality

Inverse qualified scoped functionality

Structural tautology

For the property:

Symmetry

Asymmetry

Transitivity

Reflexivity

irreflexivity