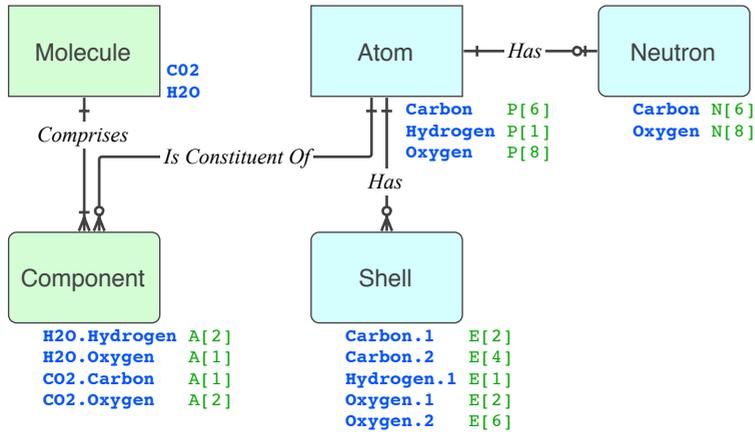


E Normalised • Update 2



Relevant Predicate

Atom is independent
 Atom is primarily identified by (AtomName)
 Atom is alternately identified by (Symbol)
 Atom is alternately identified by (AtomicNumber)
 Atom is described by (NumProton)
 Atom has 0-or-1 Neutron
 Atom has 0-to-n Shells
 Atom is a constituent of 0-to-n Component[Molecule]s

Component is dependent on, and identified by, 1 Molecule
 Component is a constituent of 1 Molecule
 Component is dependent on, and identified by, 1 Atom
 Component consists of 1 Atom
 Component is identified by (MoleculeName, AtomName)
 Component is described by (NumAtom)

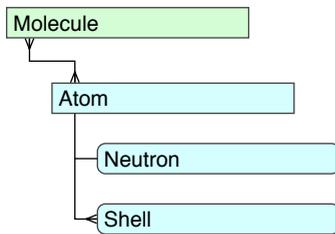
Molecule is independent
 Molecule is identified by (MoleculeName)
 Molecule comprises 1-to-n Component[Atom]s

Neutron is dependent on, and identified by, 1 Atom
 Neutron belongs to 1 Atom
 Neutron is identified by (AtomName)
 Neutron is described by (NumNeutron)

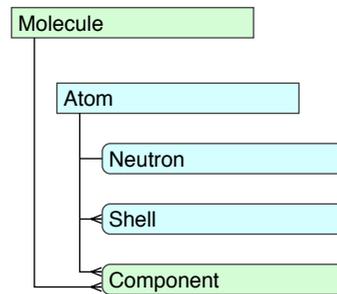
Shell is dependent on, and identified by, 1 Atom
 Shell belongs to 1 Atom
 Shell is identified by (AtomName, ShellNo)
 Shell is described by (NumElectron)

F Hierarchy (Classification)

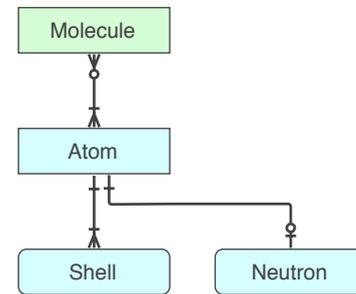
F.1 Logical



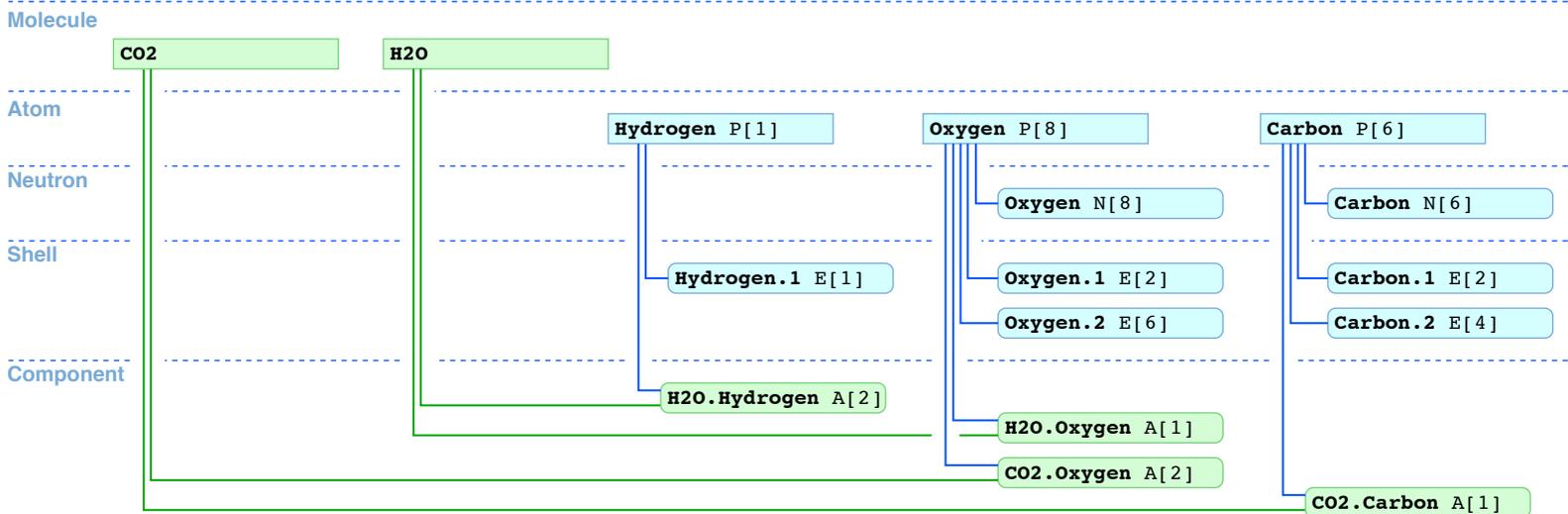
F.2 Physical



F.3 TRD

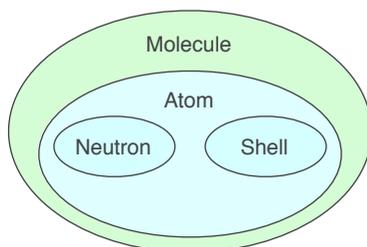


G Hierarchy (Sample Data)

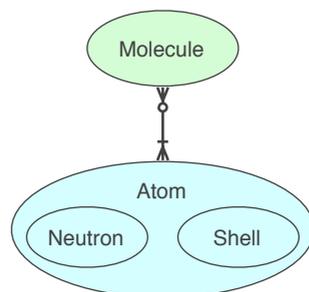


H Set

H.1 Real World Set



H.2 Relational Set



H.3 Record Set

