

```

{
  "title" : "ZrO",
  "coordinate_mode" : "Fractional",
  "description" : "HCP Zr with oct (O) ",
  "lattice_vectors" : [
    a [ 3.233986860000, 0.000000000000, 0.000000000000 ],
    b [ -1.616993430000, 2.800714770000, 0.000000000000 ],
    c [ -0.000000000000, 0.000000000000, 5.168678340000 ]
  ],
    x          y          z
  "basis" : [
    {
      "coordinate" : [ 0.000000, 0.000000, 0.000000 ],
      "occupant_dof" : [ "Zr" ]
    },
    {
      "coordinate" : [ 0.6666667, 0.3333334, 0.500000 ],
      "occupant_dof" : [ "Zr" ]
    },
    {
      "coordinate" : [ 0.3333333, 0.6666667, 0.250000 ],
      "occupant_dof" : [ "Va", "O" ]
    },
    {
      "coordinate" : [ 0.3333333, 0.6666667, 0.750000 ],
      "occupant_dof" : [ "Va", "O" ]
    }
  ]
}

```

