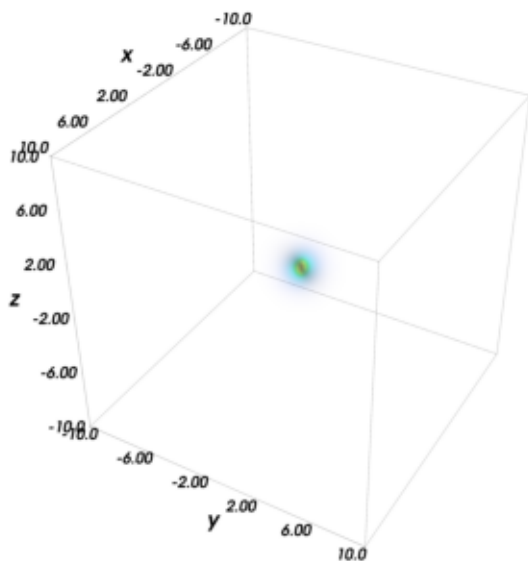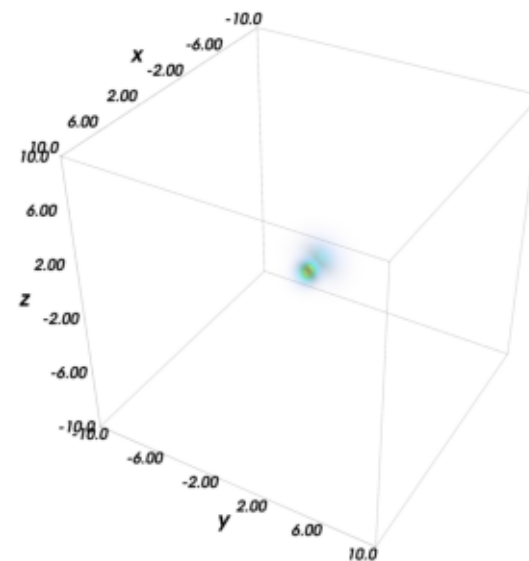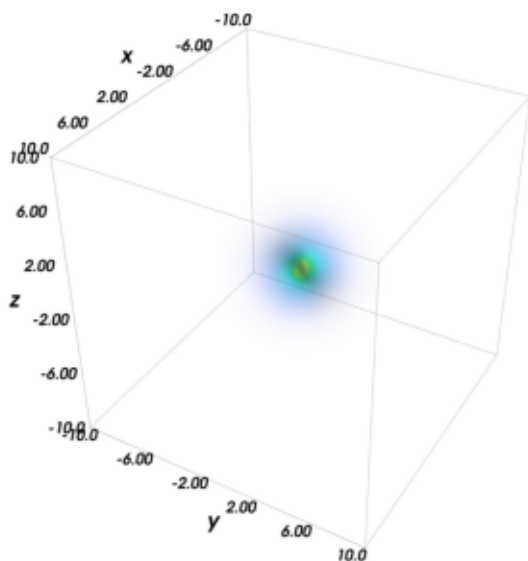phi1 Density
Energy = -0.74490079
OBOC=-0.98991245

phi2 Density
Energy = -0.74490079
OBOC=-0.00203379

phi1 Real part
Energy = -0.74490079
OBOC=-0.98991245

phi2 Real part
Energy = -0.74490079
OBOC=-0.00203379