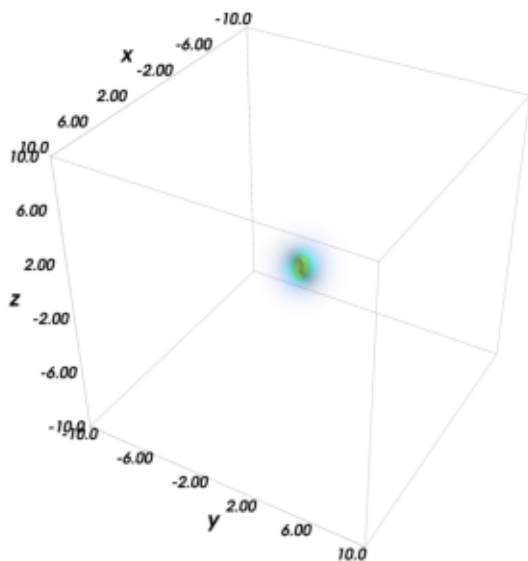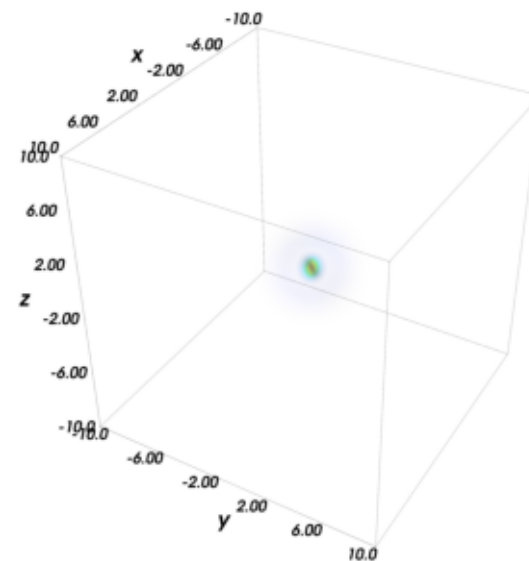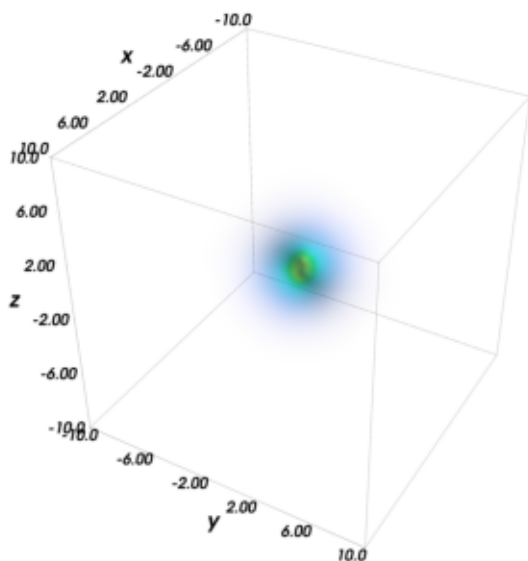phi1 Density
Energy = -1.11255848
OBOC=-0.98721132

phi2 Density
Energy = -1.11255848
OBOC=-0.00329669

phi1 Real part
Energy = -1.11255848
OBOC=-0.98721132

phi2 Real part
Energy = -1.11255848
OBOC=-0.00329669