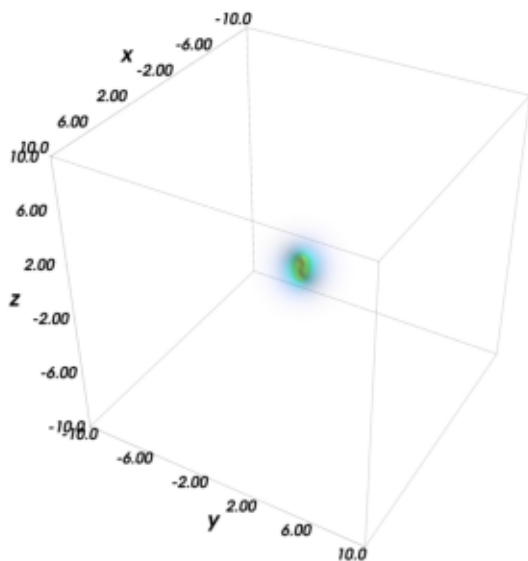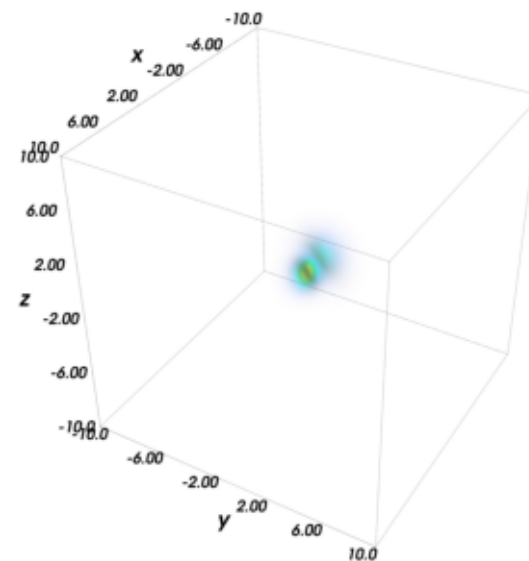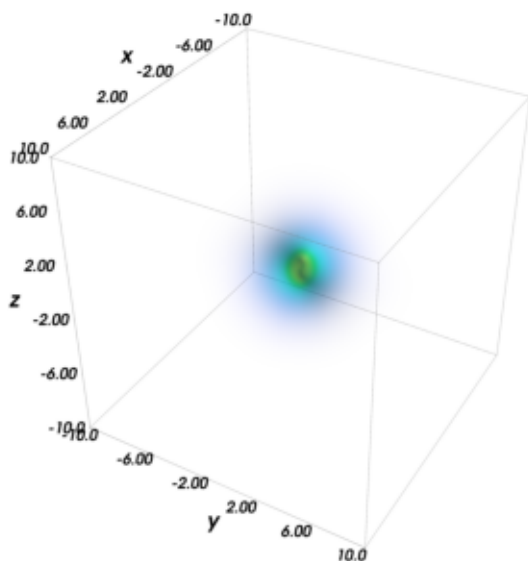phi1 Density
Energy = -1.15248734
OBOC=-0.98506293

phi2 Density
Energy = -1.15248734
OBOC=-0.00216035

phi1 Real part
Energy = -1.15248734
OBOC=-0.98506293

phi2 Real part
Energy = -1.15248734
OBOC=-0.00216035