$$\phi_1^{SU} = \phi_1^{G_2} + rac{1}{3}m_0^{G_2}\,, \quad \phi_2^{SU} = \phi_2 + rac{2}{3}m_0^{G_2}\,, \quad m^{SU} = -rac{1}{3}m^{G_2}\,.$$