$$X_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + |E_{corr}(2)} Y_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + |E_{corr}(2)} Y_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + |E_{corr}(2)} Y_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + 0.15 \text{ MeV}} Z_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + 0.15 \text{ MeV}} Z_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + 0.15 \text{ MeV}} Z_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + 0.15 \text{ MeV}} Z_{1}^{(i)} Z_{1}^{(i)} = \frac{\pm \Omega_{1}^{(i)} - |I_{1}|/2}{2(|E_{1}| - |E_{1}|/2) + 0.15 \text{ MeV}} Z_{1}^{(i)} Z_{1}^{($$