$\frac{\mathbf{p}_a}{m_a} - \frac{p_a^2 \mathbf{p}_a}{2m_a^3 c^2} - e_a \sum_{b \neq a} \frac{e_b}{R_{ab}} \frac{1}{2m_a m_b c^2} \left[\mathbf{p}_b + (\mathbf{p}_b \cdot \hat{\mathbf{n}}_{ab}) \, \hat{\mathbf{n}}_{ab} \right] -$

 $\left\langle e_a \right\rangle \mathbf{m} \times \mathbf{x}_a$

 $\sqrt{m_ac^2}$