



$$G_{14} = \frac{Q - Q_{1}}{E_{1}} = \frac{Q + Q_{2}}{E_{2}}$$

$$Q = Q_{1} = \frac{Q + Q_{1}}{E_{2}} = \frac{Q + Q_{1}}{E_{2}}$$

$$Q_{1} = \frac{Q - Q_{1}}{E_{1}} = \frac{Q + Q_{1}}{E_{2}}$$

$$Q_{2} = Q_{1} = \frac{E_{2} - E_{1}}{E_{2} + E_{1}} = Q(\frac{1}{E_{1}} - \frac{1}{E_{2}})$$

$$Q_{3} = Q_{4} = \frac{E_{2} - E_{1}}{E_{2} + E_{1}} = Q(\frac{1}{E_{1}} - \frac{1}{E_{2}})$$

$$Q_{4} = Q_{1} = \frac{1}{4QE_{1}} \left[\frac{Q + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] (y_{0}y_{0} + y_{0})$$

$$Q_{1} = Q_{1} = \frac{1}{4QE_{1}} \left[\frac{Q}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} - \frac{Q_{1}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2} + 2^{2} + (x + d)^{2}}} \right] \times \left[\frac{Q_{1} + Q_{2}}{\sqrt{y^{2}$$