



$$E_{x}(\Gamma) = \frac{q_{1}(x_{1} - \overline{x}_{1})}{\|\Gamma_{1} - P_{2}\|^{3}} + \frac{q_{2}(x_{1} - \overline{x}_{2})}{\|\Gamma_{1} - P_{2}\|^{3}} + \cdots + \frac{q_{N}(x_{2} - \overline{x}_{N})}{\|\Gamma_{1} - P_{N}\|^{3}}$$

$$E_{x}(\Gamma) = \frac{q_{1}(x_{2} - \overline{x}_{1})}{\|\Gamma_{2} - P_{2}\|^{3}} + \frac{q_{2}(x_{2} - \overline{x}_{2})}{\|\Gamma_{2} - P_{2}\|^{3}} + \cdots + \frac{q_{N}(x_{2} - \overline{x}_{N})}{\|\Gamma_{2} - P_{N}\|^{3}}$$

$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{1})}{\|\Gamma_{N} - P_{N}\|^{3}} + \frac{q_{2}(x_{N} - \overline{x}_{2})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}}$$

$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{1})}{\|\Gamma_{N} - P_{N}\|^{3}} + \frac{q_{2}(x_{N} - \overline{x}_{2})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}}$$

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$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{1})}{\|\Gamma_{N} - P_{N}\|^{3}} + \frac{q_{2}(x_{N} - \overline{x}_{2})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}}$$

$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{1})}{\|\Gamma_{N} - P_{N}\|^{3}} + \frac{q_{2}(x_{N} - \overline{x}_{2})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}}$$

$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \frac{q_{2}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}}$$

$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \frac{q_{2}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}}$$

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$$E_{x}(\Gamma) = \frac{q_{1}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{q_{N}(x_{N} - \overline{x}_{N})}{\|\Gamma_{N} - P_{N}\|^{3}} + \cdots + \frac{$$