Born equation

$$\frac{2s}{\pi\alpha^2} \quad \frac{d\sigma}{d\cos\theta} \left(e^+ e^- \rightarrow f\bar{f} \right) = \left| \frac{1}{1 - \Delta\alpha} \right|^2 \left(1 + \cos^2\theta \right)$$

$$\pi\alpha^2$$
 acoso | 1 - $\Delta\alpha$ |

+ 4 Re
$$\left\{ \begin{array}{cc} \frac{2}{1-\Delta\alpha} & \chi(s) & \left[\hat{\mathbf{g}}_{v}^{e} \hat{\mathbf{g}}_{v}^{f} & (1+\cos^{2}\theta) + 2 & \hat{\mathbf{g}}_{a}^{e} \hat{\mathbf{g}}_{a}^{f} & \cos\theta) \end{array} \right] \right\}$$

$$\mathbf{Re} \quad \left\{ \begin{array}{c} \frac{2}{1-\Delta\alpha} \quad \chi(\mathbf{s}) \quad \left[\hat{\mathbf{g}}_{\mathbf{v}}^{\mathbf{e}} \hat{\mathbf{g}}_{\mathbf{v}}^{\mathbf{f}} \left(1 + \cos^2\theta \right) + 2 \quad \hat{\mathbf{g}}_{\mathbf{a}}^{\mathbf{e}} \hat{\mathbf{g}}_{\mathbf{a}}^{\mathbf{f}} \cos\theta \right) \right]$$

+
$$16|\chi(s)|^2 \left[(\hat{g}_a^{e^2} + \hat{g}_v^{e^2})(\hat{g}_a^{f^2} + \hat{g}_v^{f^2})(1+\cos^2\theta) + 8 \hat{g}_a^e \hat{g}_a^f \hat{g}_v^e \hat{g}_v^f \cos\theta \right]$$