(19)

= The full effective action to two derivatives (bosons) and one derivative (fermions) =

$$\frac{|\partial_\mu b|^2}{|\sqrt{2}b|^2} - F_{03} \ln \frac{\sqrt{2}b}{\sqrt{2}\bar{b}} + V_{eff} -$$

$$- \frac{F_{03}^2}{|\sqrt{2}b|^2} \left\{ 2 \, \frac{\ln(1+x) - x}{x^2} + \frac{1}{2} \frac{1}{1+x} \right\} -$$

$$- \frac{\bar{\lambda}_R \, i\overleftarrow{D}_L \lambda_R + \bar{\lambda}_L \, i\overleftarrow{D}_R \lambda_L}{|\sqrt{2}b|^2} \, \frac{\ln(1+x) - x}{x^2} - 2 \, \frac{i\sqrt{2}b \bar{\lambda}_R \lambda_L + i\sqrt{2}\bar{b} \bar{\lambda}_L \lambda_R}{|\sqrt{2}b|^2} \, \frac{\ln(1+x)}{x} -$$

$$+ 4 \, \frac{\bar{\lambda}_R \lambda_L \bar{\lambda}_L \lambda_R}{|\sqrt{2}b|^2} \left\{ \frac{\ln(1+x) - x}{x^2} + \frac{1}{1+x} \right\} +$$

$$+ \frac{1}{4} 4 \ln |\sqrt{2}b|^2 . \, \frac{(1-x^2)\ln(1+x) - x}{x^2} - 2 \, \frac{F_{03} \left(i\sqrt{2}b \bar{\lambda}_R \lambda_L - i\sqrt{2}\bar{b} \bar{\lambda}_L \lambda_R \right)}{|\sqrt{2}b|^4} \times$$

$$\times \frac{\ln(1+x) - x}{x^2}$$

Where $V_{eff} = -\left(|\sqrt{2}b|^2 + iD\right) \ln \left(|\sqrt{2}b|^2 + iD\right) + iD + |\sqrt{2}b|^2 \ln |\sqrt{2}b|^2$

$$x = \frac{iD}{|\sqrt{2}b|^2} \qquad D_R = \partial_R - \partial_R \ln \sqrt{2}\bar{b}$$

$$D_L = \partial_L - \partial_L \ln \sqrt{2}b$$