$$\frac{d}{db} \sum_{i=1}^{\infty} (\phi x i + b)^{2}$$

$$\Rightarrow \sum_{a} \frac{d}{db} \left( \frac{1}{2} + \frac{1}$$

$$\Rightarrow \frac{1}{2} \left( \frac{3i}{hi} + \left( \frac{1-y}{1-hi} \right) \frac{-1}{\left( \frac{1-hi}{1-hi} \right)} \right)$$

$$= \left\{ \left( \frac{-g\hat{n}}{h\hat{n}} + \frac{1-g\hat{n}}{1-h\hat{n}} \right) \right\},$$

$$\frac{d}{dx}\left(\frac{1-3x^{2}}{1-x}\right) = \frac{d}{dx}\left(1-3x^{2}\right)\left(1-x\right)^{-1}$$

$$= (1-3x)(-1)(1-x)(-1) + (-6x)(1-x)(1-x)$$

$$=) \frac{(1-3x^{2}) + (-6x)(1-x)}{(1-x)^{2}}$$

$$= \frac{1-3x^{2}-6x+6x^{2}}{(1-x)^{2}} = \frac{3x^{2}-6x+1}{(1-x)^{2}} \times$$