

The second second	
	h= \(\a^2 + b^2 = \(\a^2 + b^2 \) \(\alpha^2 + b^2 \)
	h=F(a,b)
	$\frac{\partial h}{\partial a} = \frac{\partial h}{\partial a} = \frac{\partial h}{\partial b} = \frac{\partial h}{\partial b}$
	$\frac{\partial h}{\partial a} = a \left(a^2 + b^2\right)^{-1/2} = a$ $\frac{\partial a}{\partial a} = a \left(a^2 + b^2\right)^{-1/2} = a$
	$\frac{\partial h}{\partial b} = b \left(a^2 + b^2 \right)^{-1/2} = b$
	$6b = \left(\frac{\pm 1.5}{200}\right) \cdot \left(\frac{\pm 3}{200}\right)$
	$6h = \frac{a}{\sqrt{a^2 + b^2}} \cdot \left(\frac{1}{200}\right) + \frac{b}{\sqrt{a^2 + b^2}} \cdot \left(\frac{1}{200}\right)$
	$= \frac{a^2}{\sqrt{a^2+b^2}} \cdot (\frac{a^2+b^2}{\sqrt{a^2+b^2}}) $
	$= \pm \frac{3}{200} \sqrt{a^2 + b^2}$ $= \pm \frac{3}{200} (b)$
	= ± 3 (h)
	6h=0.05 percent of h