$$\frac{2(\frac{1}{h+1}) - (\frac{1}{h+1})^{2}}{2(\frac{1}{h+1}) - \frac{1}{(h+1)^{2}}} \leq \frac{2}{h+2}$$

$$\frac{2(\frac{1}{h+1}) - \frac{1}{(h+2)}}{2(\frac{1}{h+2})} \leq \frac{2}{(\frac{1}{h+1})^{2}}$$

$$\frac{2(\frac{1}{h+1}) - \frac{1}{(\frac{1}{h+2})}}{2(\frac{1}{h+2})} \leq \frac{2}{(\frac{1}{h+2})} \leq \frac{$$