$$\frac{\delta Y(s)}{\delta Y(s)} = 3 \cdot \frac{\frac{1}{s}}{1 + \frac{1}{s} \cdot 2 \cdot \frac{2s^2}{s+2}} = \frac{3(s+2)}{s(s+2) + 4s^2}$$

$$= \frac{3s+6}{5s^2 + 2s}$$