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$h \rightarrow$ (מרחק מן הצדק) $2h \rightarrow$ (מרחק מן הצדק) (MO)

$\frac{OM}{OL} = \tan \alpha \rightarrow OL = \frac{2h}{\tan \alpha} \rightarrow AD = 2OL = \frac{4h}{\tan \alpha}$

$\frac{KP}{PL} = \tan \alpha \rightarrow PL = \frac{h}{\tan \alpha}$

$R = OL - PL = \frac{2h}{\tan \alpha} - \frac{h}{\tan \alpha} = \frac{h}{\tan \alpha}$

$S_{\text{מרחב צדק}} = 4 \cdot ML \cdot DC = 2 \sqrt{4h^2 + 4h^2} \cdot \frac{4h}{\tan \alpha} = \frac{4h}{\tan \alpha} \sqrt{4h^2 + 4h^2} \cdot \frac{4h}{\tan \alpha} =$
 $= \frac{16h^2}{\tan^2 \alpha} \sqrt{1 + \tan^2 \alpha}$

$S_{\text{מרחב צדק}} = 2\pi \cdot h = 2\pi \cdot \frac{h}{\tan \alpha} \cdot h = \frac{2\pi h^2}{\tan \alpha}$

$$\frac{S_{\text{מרחב צדק}}}{S_{\text{מרחב צדק}}} = \frac{\frac{16h^2}{\tan^2 \alpha} \sqrt{1 + \tan^2 \alpha}}{\frac{2\pi h^2}{\tan \alpha}} = \frac{8 \sqrt{1 + \tan^2 \alpha}}{\pi \tan \alpha} = \frac{8}{\pi \tan \alpha \cos \alpha}$$

$$= \frac{8}{\pi \sin \alpha}$$