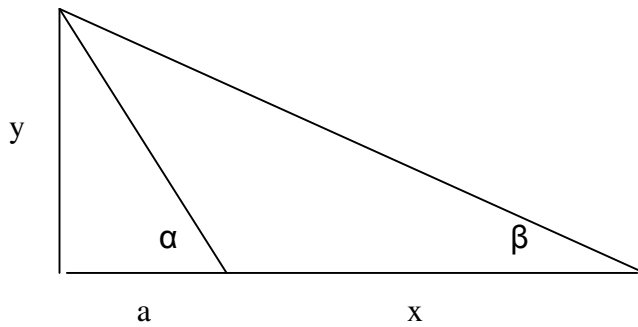


Dear bozhart,



Gunakan rumus aturan/dalil tangen:

$$\tan \alpha = y/a \text{ maka } a \tan \alpha = y \text{ atau } a = y/\tan \alpha \dots\dots\dots(1)$$

$$\tan \beta = y/ (a + x) \text{ maka } (a + x) \tan \beta = y$$

$$a \tan \beta + x \tan \beta = y \dots\dots\dots(2)$$

Substitusikan persamaan (1) ke persamaan (2) sehingga didapat:

$$y \tan \beta / \tan \alpha + x \tan \beta = y$$

kalikan ruas kiri en kanan dengan $\tan \alpha$:

$$y \tan \beta + x \tan \alpha \tan \beta = y \tan \alpha$$

$$y (\tan \alpha - \tan \beta) = x \tan \alpha \tan \beta$$

Sehingga y didapat :

$$y = x \tan \alpha \tan \beta / (\tan \alpha - \tan \beta)$$

Semoga jelas adanya.

Salam,

Petrus Indrianto Ronald.S
Photonics dept.
Ghent University - Belgium