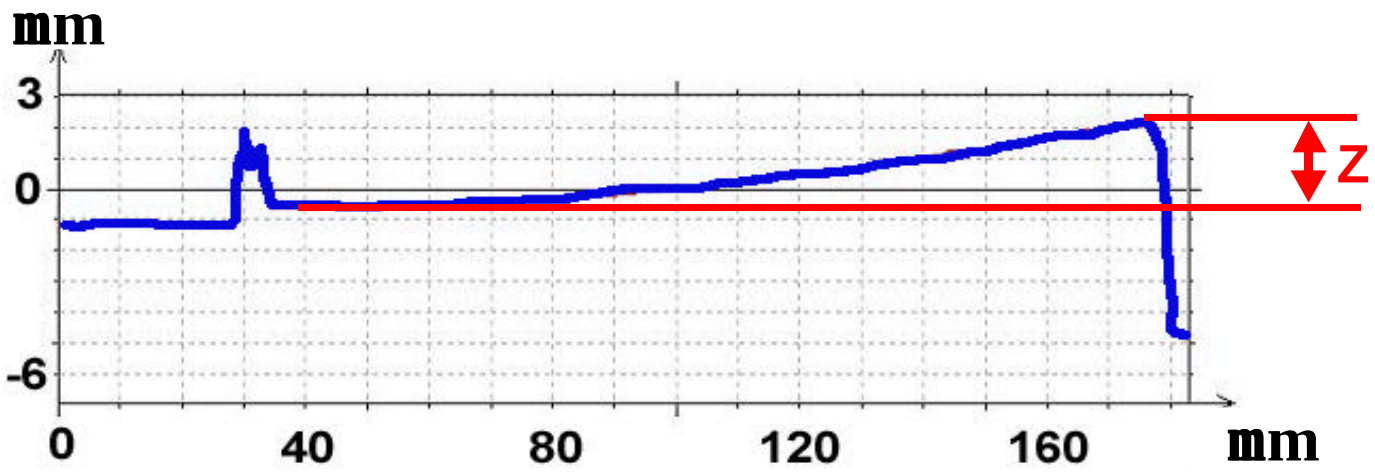


$$K = \frac{1}{R} = \frac{2Z'}{L^2}$$

***Measure of the curvature of the cantilever with a confocal microscopy***

$$(T_{h+2} - T_{h+1}) \frac{\sum_{j=1}^{h+1} E_j . t_j b_j (a_j - a_i)}{\sum_{j=1}^{h+1} E_j . t_j . b_j} + (p - z)K \Bigg]$$