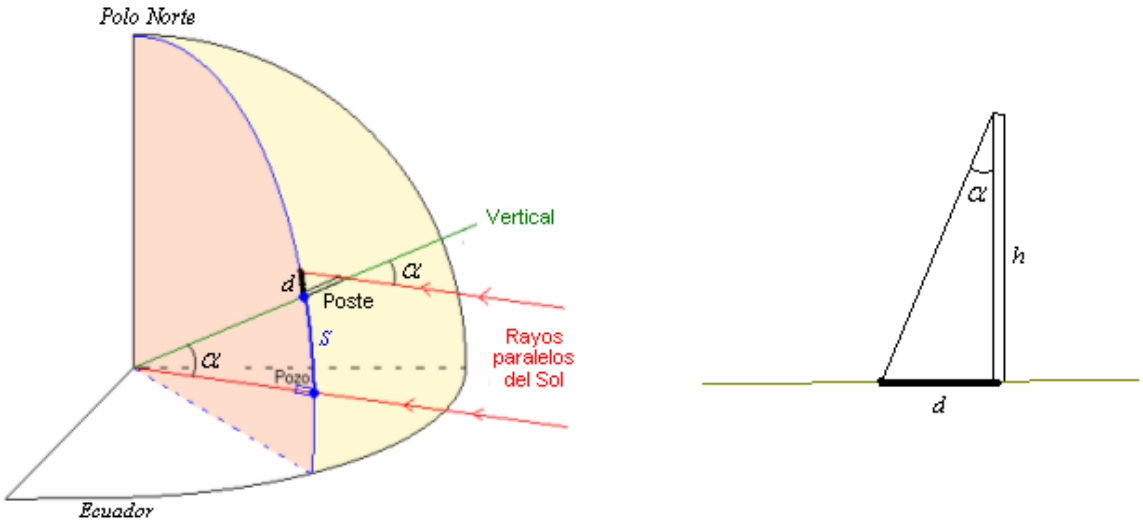
TEMA 1.- INTRODUCCIÓN A LA GEODESIA

EJERCICIO 1.1



d = 3,53 m; h = 20m; S = 10.000 km

$$tan\,\alpha = \frac{d}{h} = \frac{3{,}53\ m}{20\ m} \quad \Rightarrow \quad \alpha = 10^{\circ}{,}00961407$$

$$p = \frac{360}{\alpha} S = \frac{360}{10^{\circ}{,}00961407} 10.000\ Km \quad \Rightarrow \quad \boxed{p = 359.654{,}23\ km}$$

$$R = \frac{p}{2\pi} = \frac{359.654{,}23\ Km}{2\pi} \Rightarrow \boxed{R = 57.240{,}75\ Km}$$