Calculating 2 plates

Tup sciotallators plates of area A (wxh) seperated vertically Simple case, aligned and parellel suntillators  $\Omega = \frac{A}{r^2} Sr = \frac{2\pi 4r}{r^2} = \frac{2\pi b}{r}$ A = Spherical cap SPHERICAL CAP AREA [gosle Spherical GP] The state of the s radius (T) | radius base cap (A) | radius (r) theight cap (h) polar ansle (6) heish+ cap(h) A = 2nr2 (1-caso) A= T( (2++12) A=2717 h 0 5 6 5 17 / 0 5 6 06a 06h ひとかさ21 a= rsin 6 Mikil h= r(1-(0)0) geometrically tool 2hr = 92+h2 2ha = (2+h2) sin 6 These allow to go from one to the other



