Calculating 2 plates

Two scintallators plates of area A (wxh) Seperated noticelly Simple case, aligned and parellel suntillators $L\Omega = \frac{A}{r^2} Sr = \frac{2\pi hr}{r^2} = \frac{2\pi h}{r}$ A = Spherical cap SPHERICAL CAP AREA [50056 Spherical Gp] radius (r) | radius base cop (n) | radius (r) Departer theight cap (th) | polar ansle (6) height cap(h) A = 2002 (1-coso) N=4(2+43) A=2717 h 05657 051 05a 05h ひとわさ25 a= rsin 0 Ten be shown 2hr = 92+h2
geometrically tool 2hr = 92+h2 where h= r(1-(018) 2ha = (a2+h2) sin 6 These allow to go from one to the other



