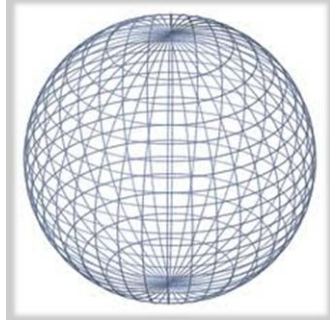


Problem #22 – Circle Sphere



A sphere of radius 9 meters is intersected by a plane passing 7 meters from the sphere's center. What is the area of the circle of intersection of the plane and sphere? Please use 3.14 for the approximation of pi.

Due date: Friday, May. 4th, 2012

Submit to Mr. Streit in person or email your solution. Please place the POW number and your name in the Subject line of your email. If you submit it early you can get feedback and re-submit if it is incorrect.

christian.streit@aas.ru

All work must be shown to explain your solution.