

Let's consider a sphere with a radius a , centered at O , holding a uniform volumetric charge distribution with density ρ . Surrounding this sphere is another sphere with a radius b shown in the opposite figure. This second sphere has a uniform superficial (surface) charge distribution with density σ .

- ✓ Using Gauss's theorem, find the electric field and the electric potential $V(r)$ at any given point M in space.
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