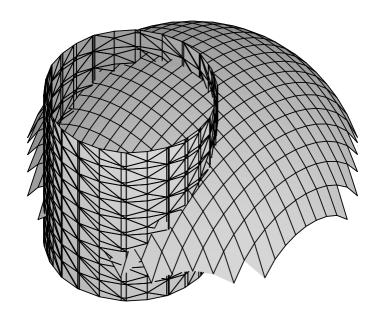
Find the volume of the solid that lies

under the upper hemisphere $z=\sqrt{25-x^2-y^2}$, above the xy-plane, and inside the cylinder $x^2+y^2=5x$.



T. Ratliff, Math 236 April 8, 2005 – p.1