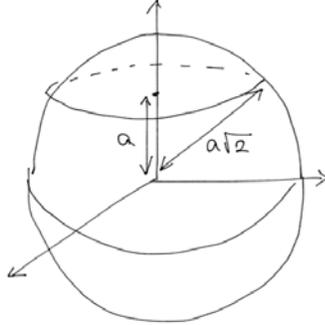


Problems: Spherical Coordinates

1. Find the volume of a solid spherical cap obtained by slicing a solid sphere of radius $a\sqrt{2}$ by a plane at a distance a from the center. (See picture.)



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18.02SC Multivariable Calculus
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