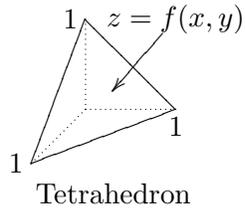


Problems: Regions of Integration

1. Find the mass of the region R bounded by $y = x + 1$; $y = x^2$; $x = 0$ and $x = 1$, if density $= \delta(x, y) = xy$.
2. Find the volume of the tetrahedron shown below.



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18.02SC Multivariable Calculus
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