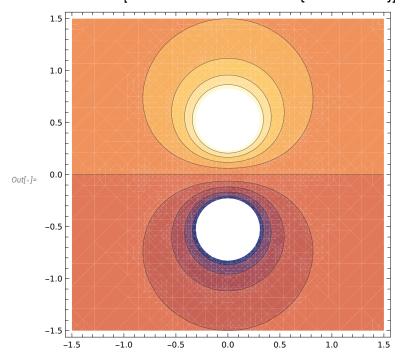
In[*]:= Clear[x]; Clear[y]; Clear[z]; Clear[efield];

V[X_, y_, z_] :=
(7/(5cmt[vA2, vA2, (5, d/2)A2])) (7/(5cmt[vA2, vA2, (5,

 $(q / (Sqrt[x^2 + y^2 + (z - d/2)^2])) - (q / (Sqrt[x^2 + y^2 + (z + d/2)^2])) /. \{q \rightarrow 1, d \rightarrow 1\}$

$In[*]:= ContourPlot[v[x, 0, z], \{x, -1.5, 1.5\}, \{z, -1.5, 1.5\}]$



 $ln[-]:= -\nabla_{\{x,y,z\}} v[x, y, z]$

$$Out[-]= \ \left\{ \frac{x}{\left(x^2+y^2+\left(-\frac{1}{2}+z\right)^2\right)^{3/2}} - \frac{x}{\left(x^2+y^2+\left(\frac{1}{2}+z\right)^2\right)^{3/2}} \right. ,$$

$$\frac{y}{\left(x^2+y^2+\left(-\frac{1}{2}+z\right)^2\right)^{3/2}}-\frac{y}{\left(x^2+y^2+\left(\frac{1}{2}+z\right)^2\right)^{3/2}},\frac{-\frac{1}{2}+z}{\left(x^2+y^2+\left(-\frac{1}{2}+z\right)^2\right)^{3/2}}-\frac{\frac{1}{2}+z}{\left(x^2+y^2+\left(\frac{1}{2}+z\right)^2\right)^{3/2}}\right\}$$

$$In[x]:= \text{efield}[x_-, y_-, z_-] := \left\{ \frac{x}{\left(x^2 + y^2 + \left(-\frac{1}{2} + z\right)^2\right)^{3/2}} - \frac{x}{\left(x^2 + y^2 + \left(\frac{1}{2} + z\right)^2\right)^{3/2}} \right\},$$

$$\frac{y}{\left(x^2+y^2+\left(-\frac{1}{2}+z\right)^2\right)^{3/2}}-\frac{y}{\left(x^2+y^2+\left(\frac{1}{2}+z\right)^2\right)^{3/2}},\frac{-\frac{1}{2}+z}{\left(x^2+y^2+\left(-\frac{1}{2}+z\right)^2\right)^{3/2}}-\frac{\frac{1}{2}+z}{\left(x^2+y^2+\left(\frac{1}{2}+z\right)^2\right)^{3/2}}\right\}$$

In[*]:= efield[x, 0, z]

Out[*]=
$$\left\{ \frac{x}{\left(x^2 + \left(-\frac{1}{2} + z\right)^2\right)^{3/2}} - \frac{x}{\left(x^2 + \left(\frac{1}{2} + z\right)^2\right)^{3/2}}, 0, \frac{-\frac{1}{2} + z}{\left(x^2 + \left(-\frac{1}{2} + z\right)^2\right)^{3/2}} - \frac{\frac{1}{2} + z}{\left(x^2 + \left(\frac{1}{2} + z\right)^2\right)^{3/2}} \right\}$$

 $lo[x] := fig2 := ContourPlot[v[x, 0, z], {x, -1.5, 1.5}, {z, -1.5, 1.5}]$

In[*]:= Show[fig2, fig1]

