

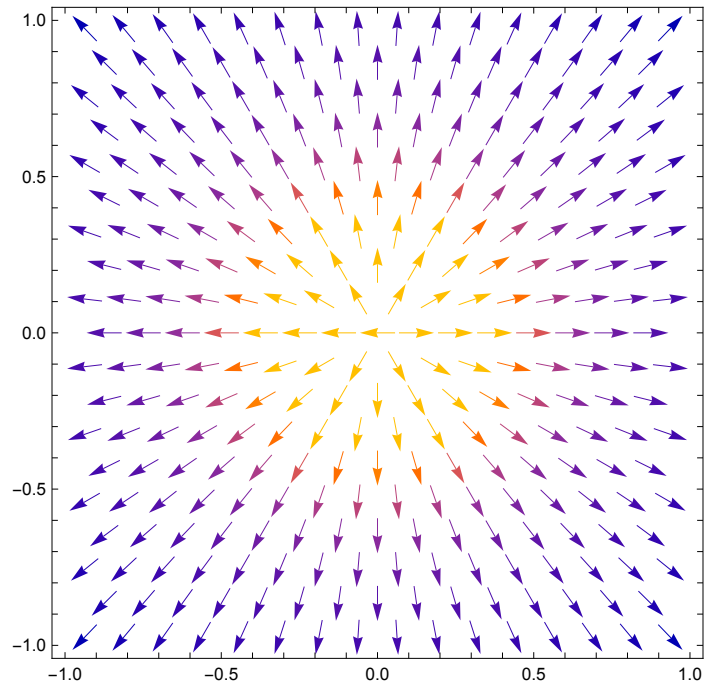
```
In[*]:= EF[{x_, y_}] := {x, y} / ((x^2 + y^2)^(3/2))
```

```
In[*]:=
```

```
VectorPlot[EF[{x, y}], {x, -1, 1}, {y, -1, 1}]
```

[向量图](#)

```
Out[*]:=
```

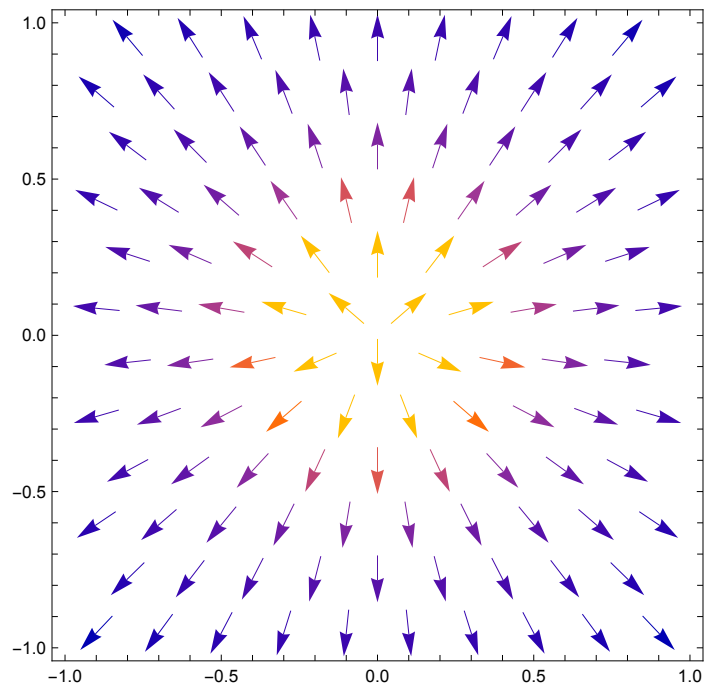


```
In[*]:= VectorPlot[EF[{x, y}], {x, -1, 1}, {y, -1, 1}, VectorPoints -> 10]
```

[向量图](#)

[向量点](#)

```
Out[*]:=
```



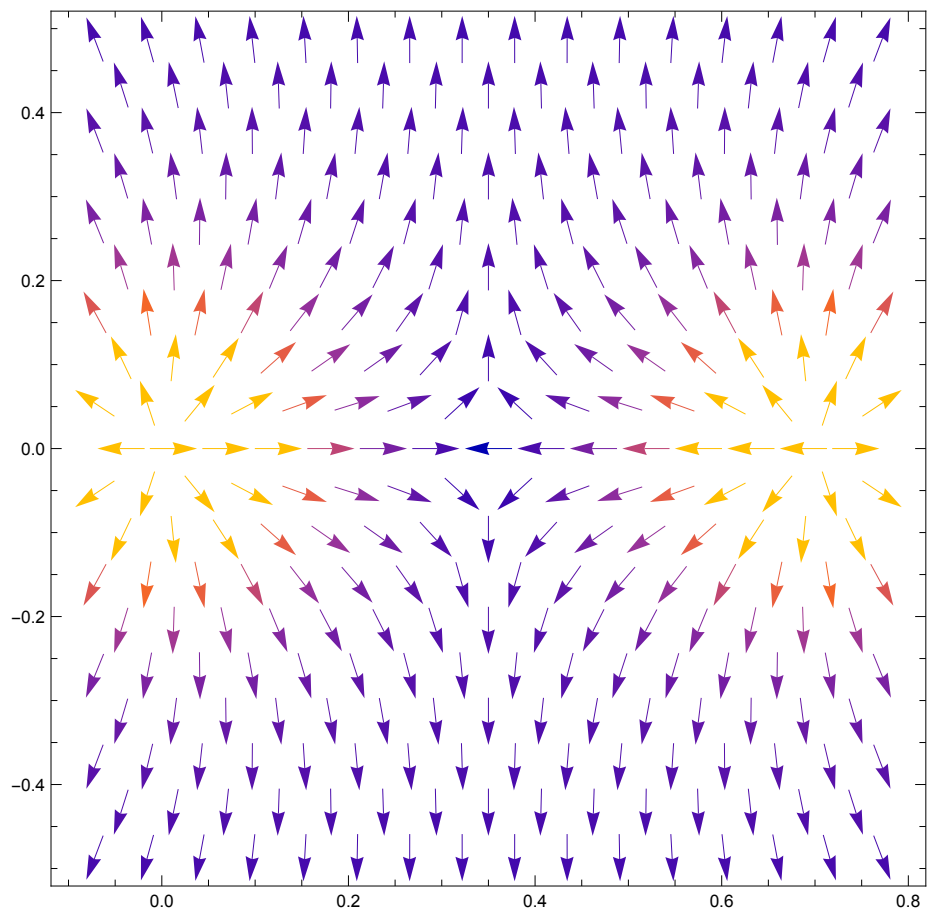
```
In[*]:= EFSame[{x_, y_}] :=
```

```
{x, y} / ((x^2 + y^2)^(3/2)) + {x - 0.7, y} / (((x - 0.7)^2 + y^2)^(3/2))
```

```
In[*]:= VectorPlot[EFSame[{x, y}], {x, -0.1, 0.8}, {y, -0.5, 0.5}]
```

向量图

```
Out[*]=
```

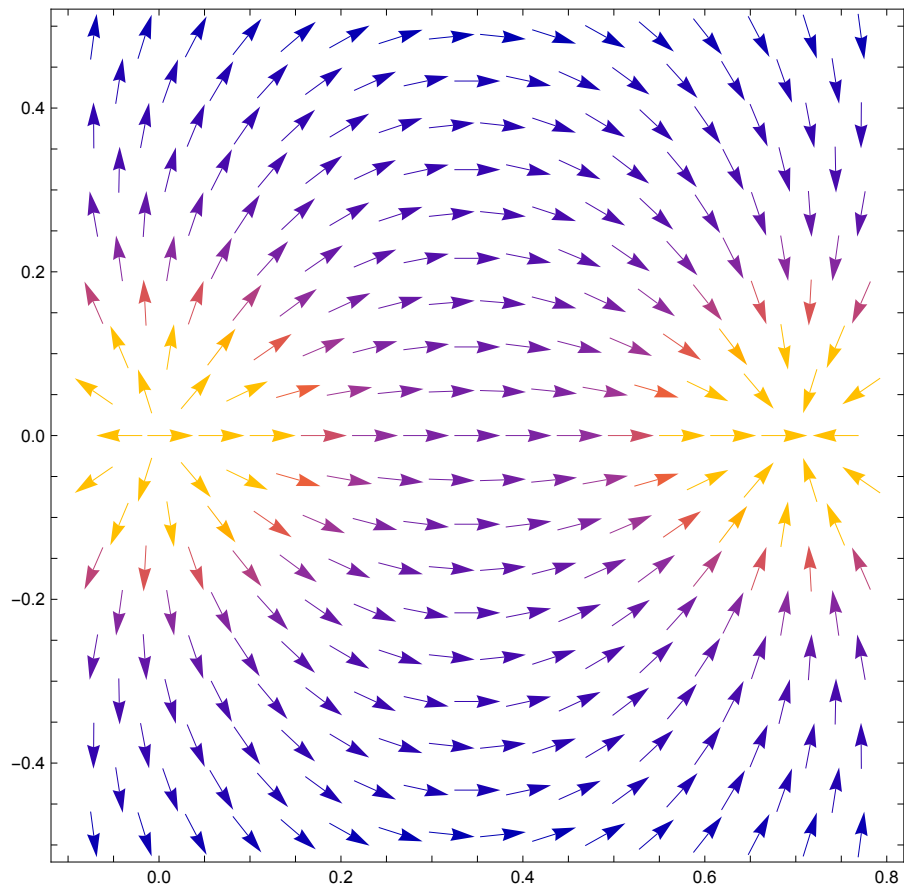


```
In[*]:= EFDiff[{x_, y_}] :=  
  {x, y} / ((x^2 + y^2)^(3/2)) - {x - 0.7, y} / (((x - 0.7)^2 + y^2)^(3/2))
```

```
In[*]:= VectorPlot[EFDiff[{x, y}], {x, -0.1, 0.8}, {y, -0.5, 0.5}]
```

向量图

```
Out[*]=
```



```
In[*]:= EF[{x_, y_, z_}] := {x, y, z} / ((x^2 + y^2 + z^2)^(3/2))
```

```
VectorPlot3D[EF[{x, y, z}], {x, -1, 1},  
  三维向量图  
  {y, -1, 1}, {z, -1, 1}, VectorScaling → Automatic]  
  向量幅值的缩放  自动
```

Out[]=

