

- **Claim:** The value of a vector field and its curl at one point can obtain arbitrary values

```
In[106]:= Needs["VectorAnalysis`"]
```

```
In[132]:= f = { AA + DerB Zz, BB + DerC Xx, CC + DerA Yy } ;
```

```
In[133]:= f /. {Xx -> 0, Yy -> 0, Zz -> 0}
```

```
Out[133]= {AA, BB, CC}
```

```
In[134]:= Curl[f]
```

```
Out[134]= {DerA, DerB, DerC}
```