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## 2 extract data

### magnitude

```
In[*]:= magVV = Map[Abs,  $\theta\theta$ , 1];  
      magVH = Map[Abs,  $\theta\phi$ , 1];  
      magHV = Map[Abs,  $\phi\theta$ , 1];  
      magHH = Map[Abs,  $\phi\phi$ , 1];
```

### phase

```
In[*]:= argVV = Map[Arg,  $\theta\theta$ , 1];  
      argVH = Map[Arg,  $\theta\phi$ , 1];  
      argHV = Map[Arg,  $\phi\theta$ , 1];  
      argHH = Map[Arg,  $\phi\phi$ , 1];
```