

```
Clear["Global`*"]
```

```
In[18]:= SetDirectory[ /Users/kevin/papers/math/ GRcode]
```

```
In[18]:= << GREAT.m
```

```
GREAT functions are: IMetric, Christoffel,  
    Riemann, Ricci, SCurvature, EinsteinTensor, SqRicci, SqRiemann.  
Enter 'helpGREAT' for this list of functions
```

```
In[19]:= x = {theta, phi}
```

```
Out[19]= { theta, phi }
```

```
In[20]:= (met = {{r^2, 0}, {0, r^2 * Sinh[theta]^2}}) // MatrixForm;
```

```
In[21]:= SCurvature[met, x]
```

```
Out[21]= -  $\frac{2}{r^2}$ 
```