

```
>> Cc = inv(Sk)*Uk'*tfidf
```

```
Cc =
```

```
-0.9894    -0.1434    -0.0117     0.0000    -0.0020    -0.0189  
 0.0000     0.0000     0.0000    -1.0000    -0.0000    -0.0000  
 0.0227    -0.0084    -0.2332     0.0000    -0.1147    -0.9653
```

```
>> sim = qc'*Cc;
```

```
>> sim = sim ./ [norm(Cc(:,1)) norm(Cc(:,2)) norm(Cc(:,3)) norm(Cc(:,4)) norm(Cc(:,5)) norm(Cc(:,6))]
```

```
sim =
```

```
-0.0004     0.0091     0.1166    -0.0000     0.1166     0.1166
```