

```
TL[K_] :=  
  Fold[mc[#1  $\cup$  #2] &,  $\Sigma_B[][\theta, PQ[\{\}, \theta]]$ ,  
    List @@ (TL /@ PD@K)] /.  
   $\Theta[C_+ + U] /; \text{Abs}[C] \geq 1 \Rightarrow \Theta[C]$ ;  
TLSig[K_] := TL[K][1]
```