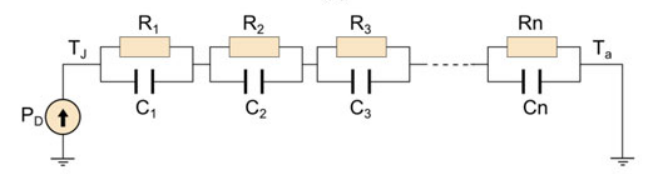
**Estimation of R(Tj) from ASC test data**

Forster thermal model:



In the same way we can formulate the temperature drop across the other elements in the foster chain and write in the state space matrix form.

With

,

, , ,

The discrete state space model can be written as

With

Since A is diagonal

And

Where is the sampling time