CTreebranch) Tree Connected Graph Cotree (Link) nt = n-1 Foundamental Cut-Set Independent KCL

> KCL for all nodes = 0 n KCL equations are dependent

Any mesh can be decomposed into inner meshes. m KVL equations ave complete.

 $\int_{0}^{\infty} n_{t} = b - n_{t} = b - n_{t}$ Foundamental Loup

Independent KVL b-n+1 Complete KVL

* According to Eular's Formula, b-n+1=m exactly the inner mesh

* Principle of Superposition