

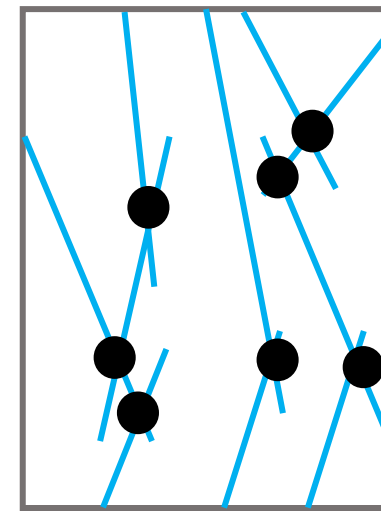
Network Generation

- CNT placement
- Calculation of nodes

Conditions

Specifications

- Dimensions
- Porosity



CNT
network

Formulation of Equation

- Kirchhoff's law
- Variables are potentials of nodes

$$Ax = b$$

x : Potential
 A, b : Coefficient matrix

Conditions

Contact
resistance

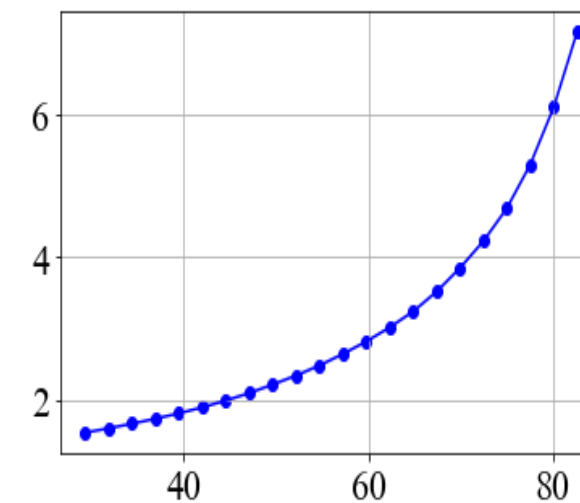
Potential
of nodes

Network Analysis

- Calibration of model based on experimental results

Conditions

Sample
experimental
results



Electrical
Resistivity

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