

Van der Pauw Hall Measurement Worksheet

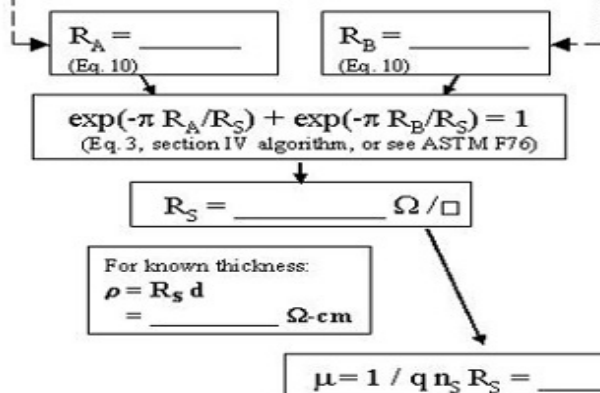
Sample Identification _____
Thickness if known (cm) _____ **Dimensions** _____
Date _____ **Lab** _____ **Operator** _____
Chemical Pretreatment (if any) _____
Contact Metal _____ **Contact Process** _____
Comments _____

Resistivity Measurement

Temperature (°C or K) _____

I_{21} _____ V_{34} _____ $R_{21,34}$ _____ I_{12} _____ V_{43} _____ $R_{12,43}$ _____ I_{32} _____ V_{41} _____ $R_{32,41}$ _____ I_{23} _____ V_{14} _____ $R_{23,14}$ _____	I_{43} _____ V_{12} _____ $R_{43,12}$ _____ I_{34} _____ V_{21} _____ $R_{34,21}$ _____ I_{14} _____ V_{23} _____ $R_{14,23}$ _____ I_{41} _____ V_{32} _____ $R_{41,32}$ _____
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Temperature _____



Hall Voltage Measurement

Temperature (°C or K) _____

+B Field (G) _____

I_{13} _____	V_{24P} _____
I_{31} _____	V_{42P} _____
I_{42} _____	V_{13P} _____
I_{24} _____	V_{31P} _____

-B Field (G) _____

I_{13} _____	V_{24N} _____
I_{31} _____	V_{42N} _____
I_{42} _____	V_{13N} _____
I_{24} _____	V_{31N} _____

Temperature _____

