

V.

NOTICE: [] fill in the units in the square brackets

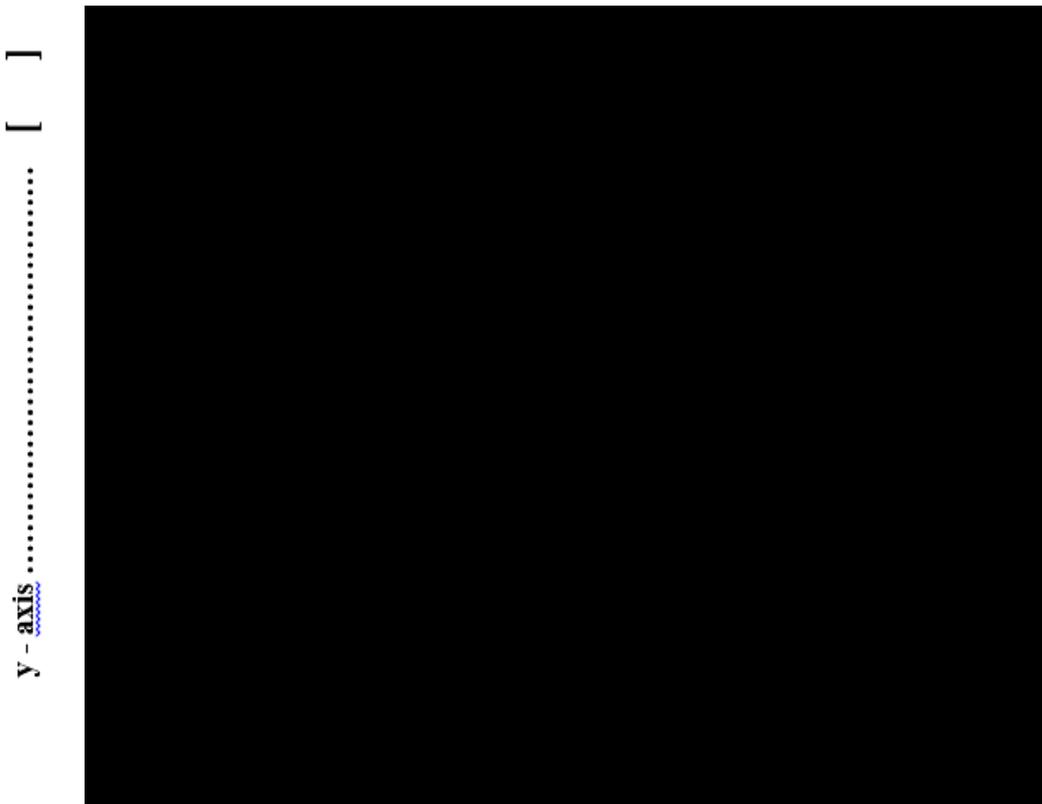
Task: Thermocouple

Key words: voltage, electric current, temperature, semiconductor, conductor, insulator

Calibration values:

Temperature []	Voltage []

Calibration graph:



x - axis []

Measured values:

Position	Voltage []	Determined temperature []

Calculation of Seebeck coef. α :

[]

Discussion

Importance for the medicine / connection with the health and illness:

Possible errors and accuracy:

Conclusion:

Task: Blood pressure

Key words: systole, diastole, pressure, Pascal unit, mmHg unit

Manual tonometer:

Blood pressure:	mmHg		kPa		
	measurement	syst.	diast.	syst.	diast.
mean value					
median value					

Example of calculation of blood pressure from mmHg to kPa :

Digital tonometer:

Blood pressure:	mmHg		kPa		
	measurement	syst.	diast.	syst.	diast.
mean value					
median value					

Discussion

Importance for the medicine / connection with the health and illness:

Possible errors and accuracy:

Conclusion: