Teacher's Signature:_

Type R: Plattrum - Rhodium

V (VOLT) T(C) 200 1.469 400 3.408 600 . 5.583 7.95 800 1000 110.506 1200 13. 228 1400 16.04 18.835 1600 1768 24.10]

Typek: Chrome-Alumel

	- 'all
T(C)	V (1641)
, 150 .	(104)
300	· 2-401 ·
450	; 3.933 .
600	5.583
750	7-34
900	, 9.205
1050	11.173
1200	-13. 228
1372	15-1645

Type E: Chromet-Constantan

Tech	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
100	0.647
200	1.469
300	2.401
400	3.408
200	4.471
600	5.583
700,	6.7 43
800	7.938
900	9.205
1000	10.206

Type J: Iron-Constantan

	* 3 · · · · · · · · · · · · · · · · · ·
17,1(C) 11	V
. 100	0.647
200	1.469
300	12.391
५००	3.408
500	4.46
600	5.583
7001	6-743
800	7.938
900	9.205
1000	10.506
1100	11.85
1200	13.228

Type T:

copper - Constantan

T (°C)	V (belt)
40	0.232
80	+ 0.50p.
120	g O % 0
160	1-124
200	1.46
240	1.831
280 33	2.207
320	2.597.
360	2.997
400	3.408
A 11	

Calculation:

· Therwal power Coefficient

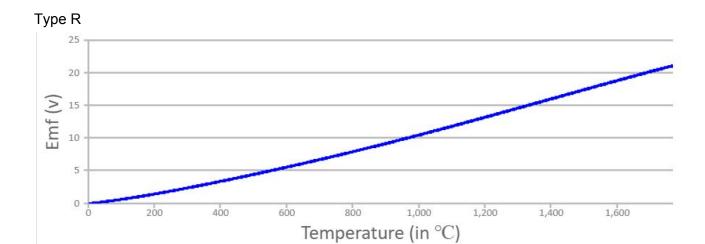
=
$$\frac{dV}{dT}$$
 = slope of graph.

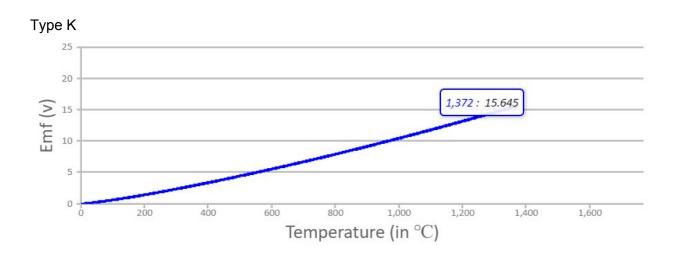
$$= \frac{32-41}{242} = \frac{18\cdot835-3\cdot408}{1600-400} = 0.0127138$$

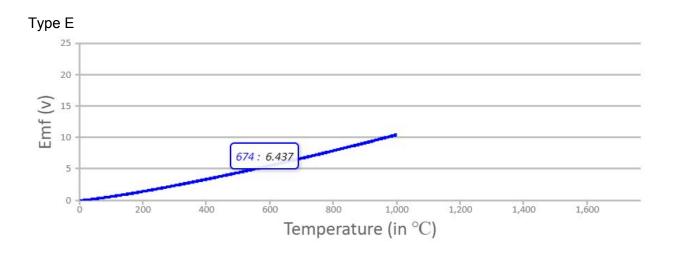
, the same

TYPE R		TYPE K			
T (degree C)	V (Volt)	Т	V		
200	1.469	150	1.041		
400	3.408	300	2.401		
600	5.583	450	3.933		
800	7.95	600	5.583		
1000	10.506	750	7.34		
1200	13.228	900	9.205		
1400	16.04	1050	11.173		
1600	18.835	1200	13.228		
1768	21.101	1372	15.645		
slope	0.0127138397		0.01200150248		
TYPE E		TYPE J		TYPE T	
Т	V	Т	V	Т	V
100	0.647	100	0.647	40	0.232
200	1.469	200	1.469	80	0.501
300	2.401	300	2.391	120	0.8
400	3.408	400	3.408	160	1.124
500	4.471	500	4.46	200	1.46
600	5.583	600	5.583	240	1.831
700	6.743	700	6.743	280	2.207
800	7.938	800	7.938	320	2.597
900	9.205	900	9.205	360	2.997
1000	10.506	1000	10.506	400	3.408
		1100	11.85		
		1200	13.228		
slope	0.01101121212		0.01151062937		0.008888030303

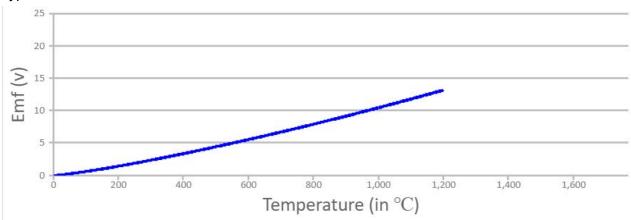
Teacher's Signature:











Type T

