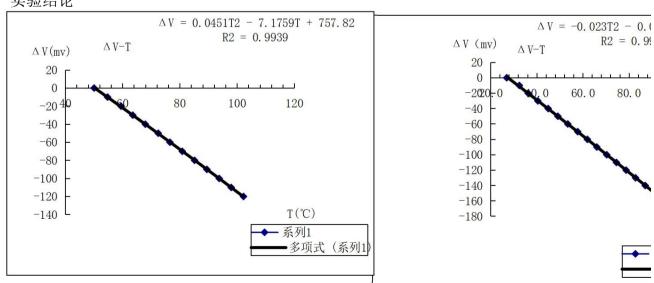
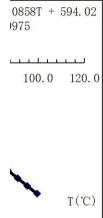
PN结温度特性数据处理(单元格上红点附注的是编程的说明)

V (mV) で		PN结温度符	上红点附注的是编程的说明)							
序号	I_{F}	50 μ A				${ m I}_{ m F}$				
V(mV) で)		T(℃)	$V_{F}(mV)$	Δ	S (mV/	序号	T(℃)	V_F' (mV)	Δ	S ' (m
1 26.9 549 0 / 1 50 514 0 2 32.4 539 −10 2 54.7 504 −10 3 36.2 529 −20 3 59.4 494 −20 4 40.4 519 −30 4 63.5 484 −30 5 44.9 509 −40 5 67.9 474 −40 6 49.1 499 −50 6 72.4 464 −50 7 53.4 489 −60 7 76.5 454 −60 8 57.7 479 −70 8 80.8 444 −70 9 61.9 469 −80 9 85.1 434 −80 10 66.0 459 −90 10 89.4 424 −90 11 70.3 449 −100 11 93.7 414 −100 12 74.5 439 −110 12 97.9 404 −110 13 78.7 429 −120 13 102.2 394 −120 14 82.8 419 −130 14 15 87.0 409 −140 15 16 91.2 399 −150 16 17 95.3 389 −160 17 18 99.6 379 −170 18 19 19 20 50微安				V (mV)	℃)			·	V′ (m	V/℃)
2 32.4 539 -10 2 54.7 504 -10 3 36.2 529 -20 3 59.4 494 -20 4 40.4 519 -30 4 63.5 484 -30 5 44.9 509 -40 5 67.9 474 -40 6 49.1 499 -50 6 72.4 464 -50 7 53.4 489 -60 7 76.5 454 -60 8 57.7 479 -70 8 80.8 444 -70 9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 15 87.0 409 -140 15 16									V)	
3 36.2 529 -20 3 59.4 494 -20 4 40.4 519 -30 4 63.5 484 -30 50 509 -40 5 67.9 474 -40 6 49.1 499 -50 6 72.4 464 -50 7 76.5 454 -60 8 57.7 479 -70 8 80.8 444 -70 9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 20 50微安 A=	1	26. 9	549	0	/	1	50	514	0	
4 40.4 519 -30 4 63.5 484 -30 509 -40 5 67.9 474 -40 6 49.1 499 -50 6 72.4 464 -50 7 76.5 454 -60 8 57.7 479 -70 8 80.8 444 -70 9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 20 50微安 A= A= A=		32.4	539	-10			54. 7	504	-10	
5 44.9 509 -40 5 67.9 474 -40 6 49.1 499 -50 6 72.4 464 -50 7 53.4 489 -60 7 76.5 454 -60 8 57.7 479 -70 8 80.8 444 -70 9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 100 20 50微安 100%	3	36. 2	529	-20		3	59.4	494	-20	
6 49.1 499 −50 6 72.4 464 −50 7 53.4 489 −60 7 76.5 454 −60 8 57.7 479 −70 8 80.8 444 −70 9 61.9 469 −80 9 85.1 434 −80 10 66.0 459 −90 10 89.4 424 −90 11 70.3 449 −100 11 93.7 414 −100 12 74.5 439 −110 12 97.9 404 −110 13 78.7 429 −120 13 102.2 394 −120 14 82.8 419 −130 14 15 87.0 409 −140 15 15 16 91.2 399 −150 16 17 95.3 389 −160 17 18 99.6 379 −170 18 19 20 50微安 A= A=	4	40.4	519	-30		4	63.5	484	-30	
7 53.4 489 -60 7 76.5 454 -60 8 57.7 479 -70 8 80.8 444 -70 9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 82.8 419 -130 14 82.8 419 -130 14 82.8 419 -150 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 20 20 50微安 A= A= A=	5	44. 9	509	-40		5	67.9	474	-40	
8 57.7 479 -70 8 80.8 444 -70 9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 20 20 20 50微安 A= A=	6	49. 1	499	-50		6	72.4	464	-50	
9 61.9 469 -80 9 85.1 434 -80 10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 20 20 20 50微安 A= A=	7	53. 4	489	-60		7	76.5	454	-60	
10 66.0 459 -90 10 89.4 424 -90 11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 15 87.0 409 -140 15 16 16 91.2 399 -150 16 17 18 99.6 379 -170 18 19 20 20 20	8	57. 7	479	-70		8	80.8	444	-70	
11 70.3 449 -100 11 93.7 414 -100 12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 19 20 50微安 100微安 A= A=	9	61.9	469	-80		9	85. 1	434	-80	
12 74.5 439 -110 12 97.9 404 -110 13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 15 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 19 19 20 20 50微安 100微安 A= A=	10	66.0	459	-90		10	89.4	424	-90	
13 78.7 429 -120 13 102.2 394 -120 14 82.8 419 -130 14 -140 -140 -15 -150 -150 -150 -160 -17 -150 -160 -17 -170	11	70.3	449	-100		11	93.7	414	-100	
14 82.8 419 -130 14 15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 19 19 20 20 50微安 100微安 A= A=	12	74. 5	439	-110		12	97.9	404	-110	
15 87.0 409 -140 15 16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 19 20 20 50微安 100微安 A= A=	13	78. 7	429	-120		13	102.2	394	-120	
16 91.2 399 -150 16 17 95.3 389 -160 17 18 99.6 379 -170 18 19 19 20 20 50微安 100微安 A= A=	14	82.8	419	-130		14				
17 95.3 389 -160 17 18 99.6 379 -170 18 19 19 20 20 50微安 100微安 A= A=	15	87. 0	409	-140		15				
18 99.6 379 -170 18 19 19 20 20 50微安 100微安 A= A=	16	91.2	399	-150		16				
19 19 20 20 50微安 A= A=	17	95. 3	389	-160		17				
20 20 50微安 100微安 A= A=	18	99.6	379	-170		18				
50微安 A= 100微安 A= A=	19					19				
A=	20					20				
A=	50微安			100微多	÷ .	_				
	B=			B=						

实验结论





· 系列1

-多项式(系列1

PN结温度特性数据处理(单元格上红点附注的是编程的说明)

1	N 「 」	工双兆	1744	<u>、平儿性。</u>	上红从門	江川疋	洲性贝匹	<u>'''</u> 77	
I_{F}			50 μ Α		$I_{\mathtt{F}}$			100 μ Α	
序号	T(℃)	V _F (mV)	Δ V (mV)	S(mV/ ℃)	序号	T(℃)	V _F ' (mV)	V' (m	S′ (m V/℃)
1			/	/	1			V)	/
2			/	/	2			/	/
3					3				
4					4				
5					5				
6					6				
7					7				
8					8				
9					9				
10					10				
11 12					11 12				
13					13				
14					14				
15					15				
16					16				
17	_				17				_
18					18				
19					19				
20					20				

实验结论