b) waters sorres the	source under strain conditions	
b) voltage across the gauge under strain conditions,  - 100+0.14 X12		
(100+0.14)+100		
-6.00419V		
Hence;		
change in of voltage = 6.00419 - 6 = 0.00419 V		
	- 0.00 419 V	
i falle selle	-4.19mv	
	The state of the s	
Sol-6 Here,	1.8	
G = k c e 2	2	
$\frac{5 + 1250 \text{ kg/cm}}{Y = 2.1 \times 10^6 \text{ kg/cm}}$		
1 = 2.1 × 100 Kg/cm		
Stress = Y Strain		
31188 = 1 517ain 3 5train =		
G = OR/R		
	• ,	
Strain  AR - //		
Sol77 Here,	·	
1 = 0.1m	DR/R - G	
$A = 4 \text{cm}^2$	strain	
Y = 207 GN/m2	> Strain -	
$R = 240 \Omega$ G = 2.2	C)	
DR = 0.013.72	Strew = Y Strain	
0.01016	=> 5tyess =	
Strain = DS		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
= XX =		

	Date: / /
50	1-8 Nere,
=	G = 2
	5tress = 1050 Kg/cm2
	$5tress = 1050 \text{ kg/cm}^2$ $y = 2 \times 166 \text{ kg/cm}^2$
	Strain = Y Strain
	=) Strain =
e de la	DR = Gx Strain x loo /.
	R
	$G = 1 + 2\mu$
	M =
	$\Delta R = R \times G \times Strain$
	1
	302
50	19 Same as done in class
=	
	The second secon
,	