

Refraction of Light through a prism

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Prism		A transparent refracting medium bounded by 5 surface inclined at the
		same angle

			the physical conditions and the temperature of the conductor remain constant				
Specific resistance or resistivity			$R = \rho \frac{l}{a}$		Where ρ is the specific resistance		
Page 11	8.2 Electro-Motive force, Terminal voltage and internal resistance of a cell						
	Electro motive force (EMF)	When that i differ cell is	n no current is drawn from a cell is the cell is open, the potential rence between the terminal o the s called electro motive force (ε)	Cu			
	The EMF of a cell is defined as the energy spent per unit charge in taking a positive charge around the complete circuit	$\varepsilon = \frac{v}{q}$					
	Terminal voltage of a cell	When wher poter elect $V = \frac{w}{q}$	n current is drawn from a cell the cell is In closed circuit. The ntial difference between the rodes is called terminal voltage $\frac{7}{0}$	3			
	Voltage drop in a cell	\= ع					
	Representation of a cell with other a resistance	3 1 1	Page	-	- 3		
	Resistors in series	Effec	tive resistance R = R1 + R2 + Rn	~	N N N - M		