

	Date		
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TOPIC:	Integrated Optics [Angle of Prism]		
AIM:	To determine the apex angle of the given prism was spectrometer.	sing a	
	APPARATUS:  Spectrometer  Spirit level  Magnifying glass  Glass prism  Sodium vapour lamp  TABULATION:  Acast count = $\frac{0.5}{30}$ no of div. = $\frac{30}{30}$ = 1		
	Reading of Vennien A Vennien B  reflected tay MSR VSR, Total MSR, VSR,	Total	
	Reflection 14 14 114 14 324 8'  AB	324081	
	Reflection 9 263° 9' 263° 9' 263° 9'  AC	263 9	
	Difference between a 118 55 118 1	11801	
	$Mean \theta = 59^{\circ} 14^{\circ}$		
RESULT:	The Apex angle of the given equilateral prism = 5  Teacher's Signature	9°141	