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	HWZ available, due next Wednesday 11/20 at stort of class
	Last Time . Proof of Thom : a+b+c=TI+ Area (AABC)
	· Statement of spinerical cosine rule
	Gosk = cos B cos X + sin B sin Y cosa
	then SCR Feduces to Euclidean cosine NIC
	Today Proof of SCR (Review of spresical polar coords: Matr 233)
	=> Triangle Inequality
	=) spherical lines give shortest paths
	Will be away Friday + class will be taught by for Innifer Li
	S ²
	Breview of spherical lines.
	L= Tros2 great circle or sprenical line
	Thas on equation ax + by + cz = d
·· ·· ···	(because it is a plane in R3) a, b, c, d & R
	OETT = d = 0 $T: ax + by + cz = 0$
	$L = \frac{9(x,y,z)}{65^2} = \frac{65^2}{4x + by + (z=0)}$
	Y A
	Spherical polar coords (Math 233) Polar coords in plane (Math 132) Polar coords in plane (Math 132)
	1 P (X)
	$r \geq 0, 0 \leq 0 \leq 2\pi, 0 \leq \emptyset \leq \pi$
	(x,y,z)=(?,?,?) interms of r,0,0

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