



Resol	ution = Obse	erving wavelength / Te	elescope dia	ameter
Angular	Optical (5000A)		Radio (4cm)	
Resolution	Diameter	Instrument	Diameter Instrument	
1'	2mm	Eye	140m	GBT+
1″	10cm	Amateur Telescope	8km	VLA-B
0.″05	2m	HST	160km	MERLIN
0.″001	100m	Interferometer	8200km	VLBI
Atmos	phere gives 1"	limit without corrections w	hich are easie	est in radio
	Jupite	r and Io as seen fron	1 Earth	
1 arcmin	1 arc	sec 0.05 arcs	ec 0.0	01 arcsec
				M. St.
		100		1 and the second
Set 2 day				1 and
		 NOR 		CONTRACTOR AND AND A DECK

































New Mexico Tech

















Increases sensitivity by 1 to 2 orders of magnitude
 Used by about 30-50% of VLBA observations







