











1T	λ (μm)	<i>r</i> ₀ (cm)	τ ₀ (ms)	Strehl (200 nm)	Strehl (120 nm)	FWHM FOV
	0.65	19.6	2.8	0.024	0.26	
	0.9 	29.0	4.2	0.14	0.49	0.008" 8"
-	1.25 J	42.9	6.2	0.36	0.69	0.011" 12"
-	1.65 H	59.9	8.7	0.56	0.81	
	2.2 K	84.6	12	0.72	0.89	0.014" 18"
	3.6 L	153	22	0.88	0.96	0.029" 44"
	5 M	227	33	0.94	0.98	0.042" 66"
	10 N	521	75	0.98	0.99	0.085" 150"
	20 Q	1200	173	0.99	1.00	0.170" 300"



SDI: Suppressing Speckle Noise



Here we see real SDI data from the NACO SDI AO camera.

Fake planets (10⁵ times fainter in the H band) are only easy to spot once the speckle noise is removed.

They are placed at 0.4, 0.6, 0.8 and 1.0" separations from the star AB Dor

13.4-9





















































