

## A.1 Terminology:

Ekers & Wilson, *Radio Telescopes, in Planets, Stars and Stellar Systems*, Springer, 2013

<b>Radio</b>	<b>Optical</b>
grating responses	aliased orders
primary beam direction	grating blaze angle
UV (visibility) plane	hologram
bandwidth smearing	chromatic aberration
local oscillator	reference beam
Antenna, dish	Telescope, element
Sidelobes	Diffraction pattern
Near sidelobes	Airy rings
Feed legs	Spider
Aperture blockage	Vignetting
Dirty beam	Point Spread Function (PSF)
Primary beam	Field of View
Map	Image
Source	Object
Image plane	Image plane
Aperture plane	Pupil plane
UV plane	Fourier plan
Aperture	Entrance pupil
UV coverage	Modulation transfer function
Dynamic range	Contrast
Phased array	Beam combiner
Correlator	?
Receiver	Detector
Taper	Apodise
Self calibration	Wavefront sensing (Adaptive optics)