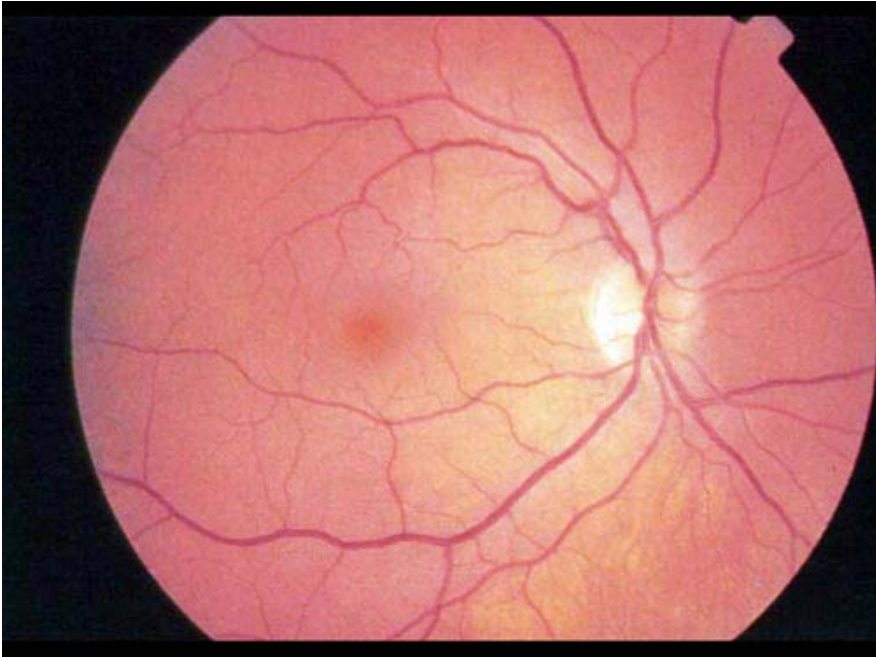


Section 1.2.2 Intermediate Image Planes

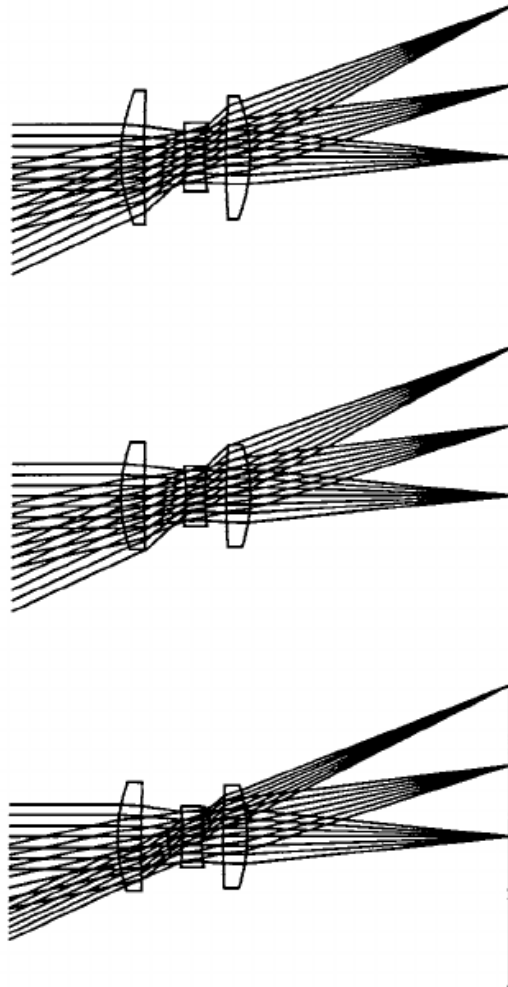


Section 1.2.4 Vignetting



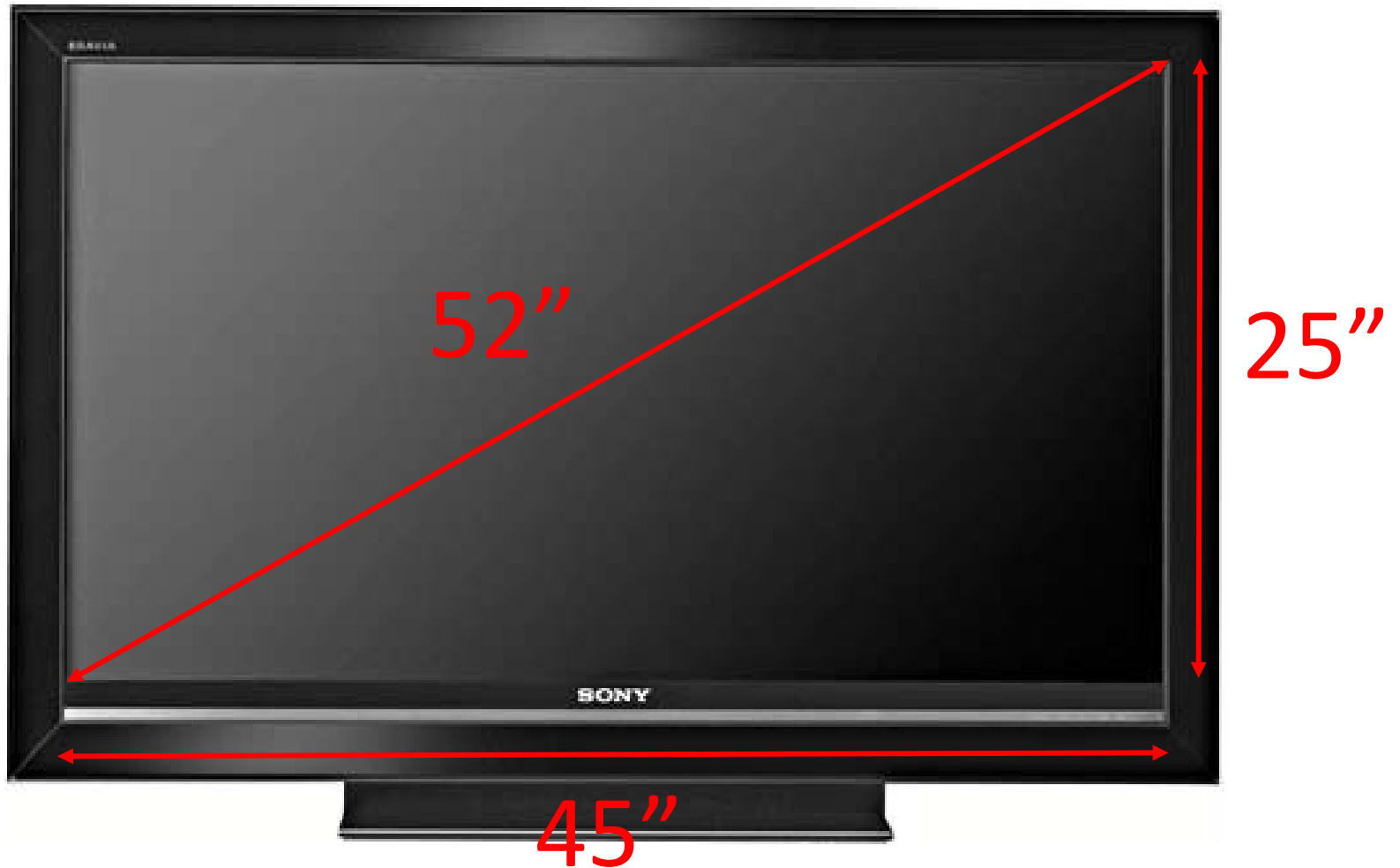
www.dalesimmonsphotography.com

Section 1.2.4 Vignetting



From: Fischer, Optical System Design
2nd Ed

HDTV – 16:9 Ratio



Section 1.2.5.1 Image Sensor as Field Stop – 35 mm Film



Vidicon Tubes



From www.aade.com

Standard CMOS/CCD Sensor Sizes

Type	Aspect Ratio	Sensor (mm)			
		Dia. (mm)	Diagonal	Width	Height
1/3.6"	4:3	7.056	5.000	4.000	3.000
1/3.2"	4:3	7.938	5.680	4.536	3.416
1/3"	4:3	8.467	6.000	4.800	3.600
1/2.7"	4:3	9.407	6.721	5.371	4.035
1/2.5"	4:3	10.160	7.182	5.760	4.290
1/2"	4:3	12.700	8.000	6.400	4.800
1/1.8"	4:3	14.111	8.933	7.176	5.319
1/1.7"	4:3	14.941	9.500	7.600	5.700
2/3"	4:3	16.933	11.000	8.800	6.600
1"	4:3	25.400	16.000	12.800	9.600
4/3"	4:3	33.867	22.500	18.000	13.500
1.8" (*)	3:2	45.720	28.400	23.700	15.700
35 mm film	3:2	n/a	43.300	36.000	24.000