

March 22, 2023
MSE 2101 topics

- Measuring the brightness of nearby stars
 - the magnitude system
- Apparent magnitudes: _____
 - where m_1 is _____,
 - and m_2 is _____,
 - and f_1 is _____,
 - and f_2 is _____,
 - and the base of the log is _____.

f_2 / f_1	$m_1 - m_2$	$m_1 - m_2$	f_2 / f_1
10^{-6}		-10	
10^{-4}		-5	
10^{-2}		-2.5	
10^0		0	
10^2		2.5	
10^4		5	
10^6		10	