X.8* Use the Fabry-Perot interferometer configuration (in MWAH 343) to determine the distance the movable mirror travels with one full turn of the micrometer. (Alignment of the Fabry-Perot mirrors and lens to get the correct interference pattern can be tricky! I’ve got it at least close.) Take the HeNe laser wavelength to be 632.8 nm. What’s the uncertainty in your value for the travel of the mirror in 1 full revolution of the micrometer? Explain your methods.