Set source at 0, and adjust for approximately parallel light. Place slit (1/16") near source, lens \((f = +17 \text{ cm})\) at 40, and prism at 50. Set optical bench table at (lecturer's) left, front corner of lecture table, and orient table so refracted beam will be on screen.

Turn prism to reflect light onto screen, and focus by adjusting position of slit. Now turn prism so the refracted, and dispersed, beam is on the screen.

By turning the prism table, show that there exists one particular position of the prism for which the angle of deviation is a minimum.