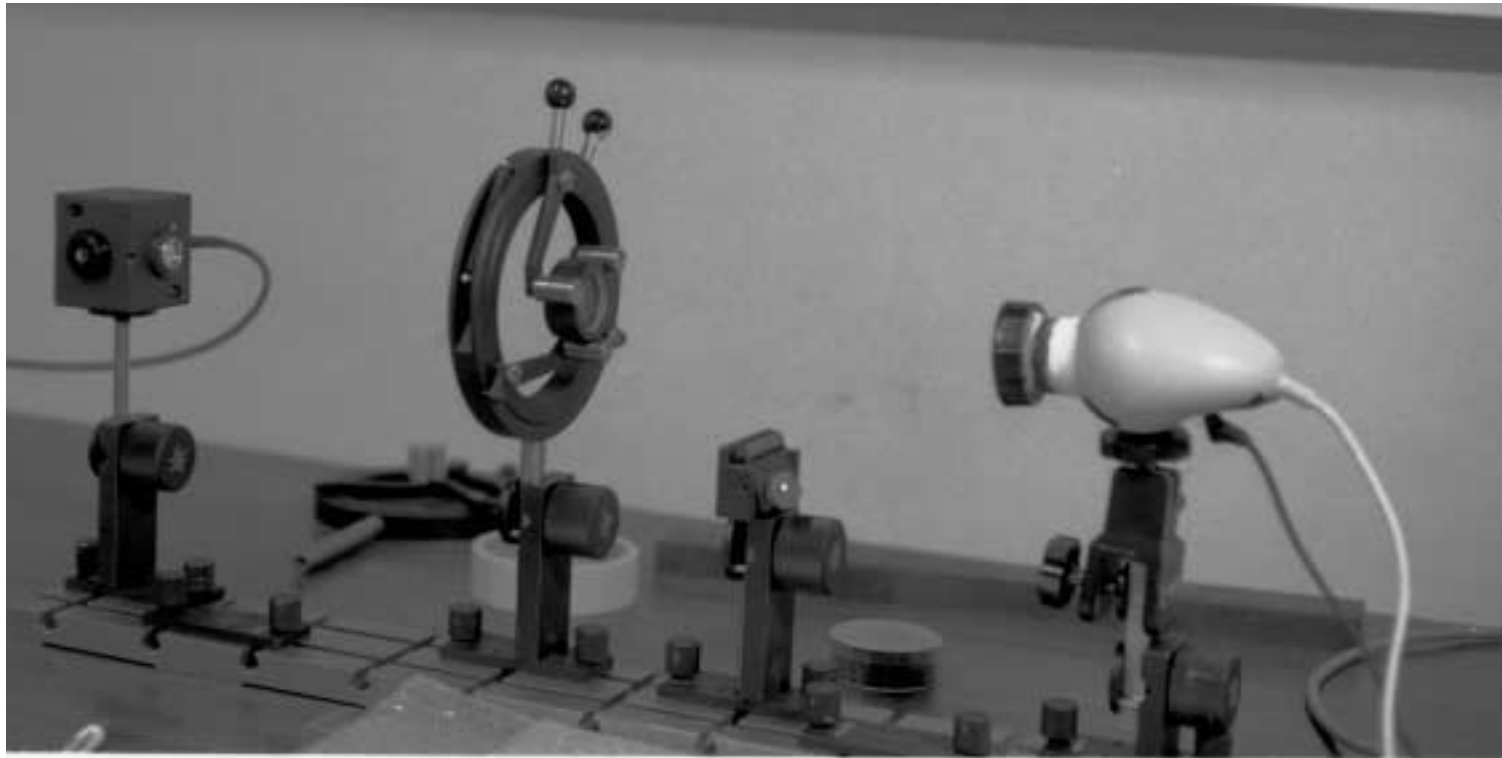
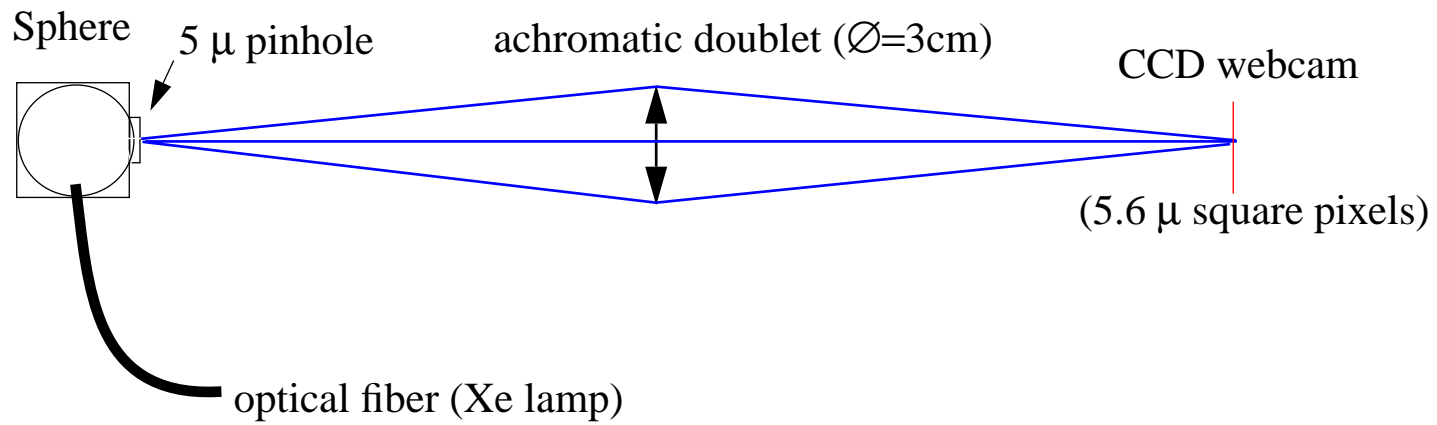


Artificial Star: First Tests

Webcam setup (P.Schwemling & E.B.)

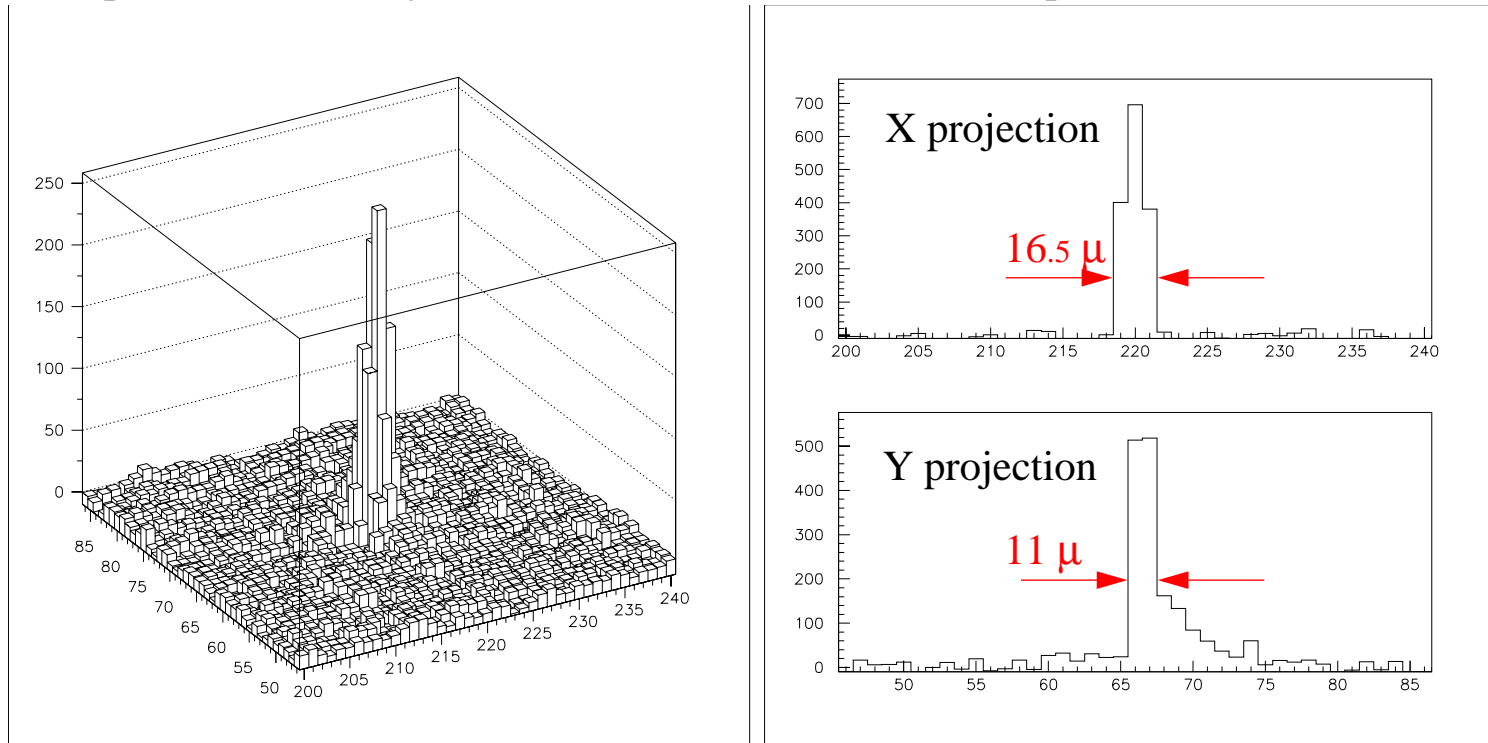


Optics



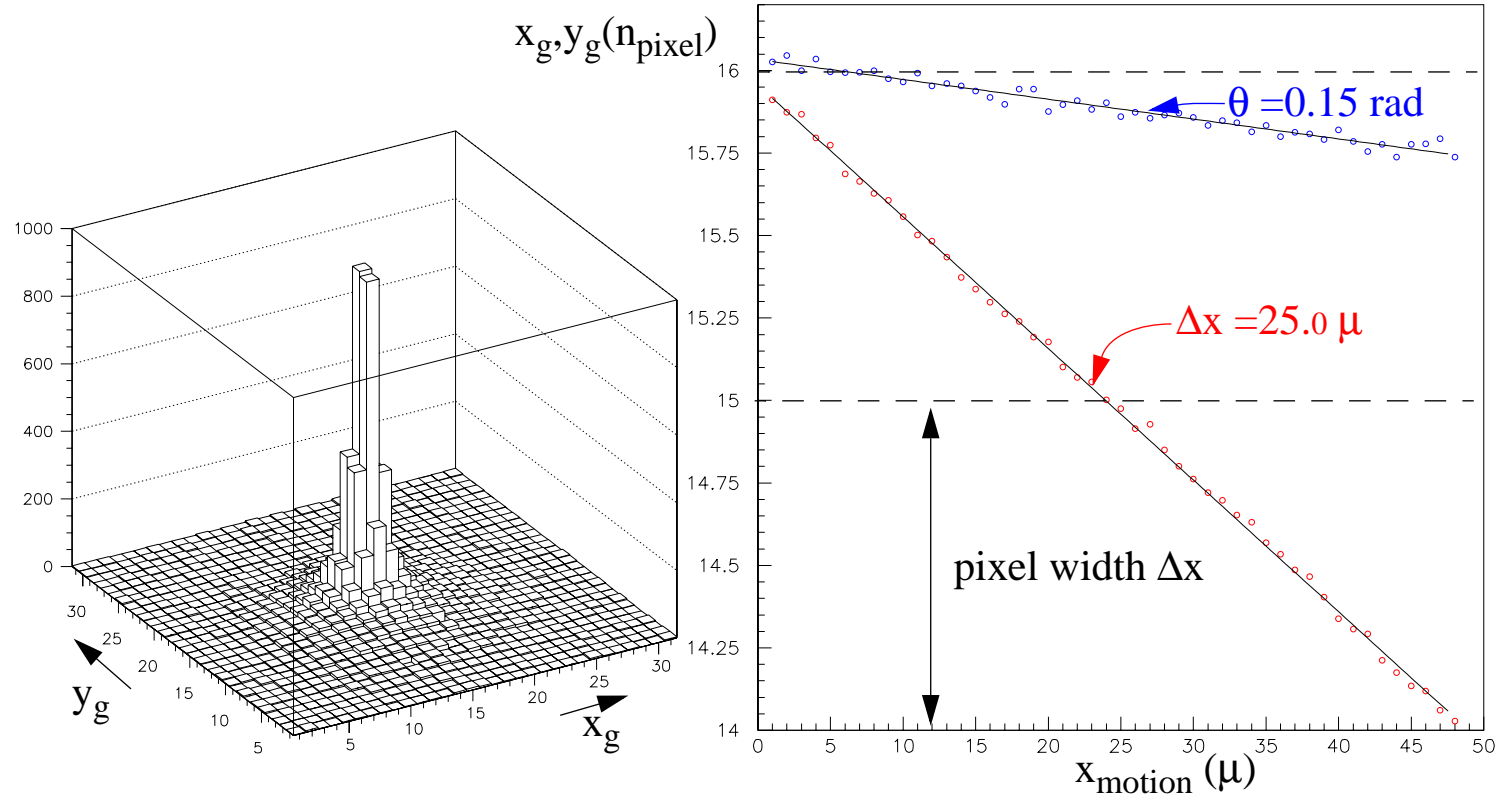
Spot size

Not optimized: hand adjustments, saturation of central CCD pixels



Intra-Pixel scan (A.Castera, E.Gangler, E.B.)

modified setup: Hamamatsu CCD, wide pixels, mounted on X motion (1 μ step)



Results: fit of center-of-gravity (x_g, y_g) as a function of CCD position gives

pixel number vs (x_g, y_g) slopes equal to (-0.0399, -0.0060)