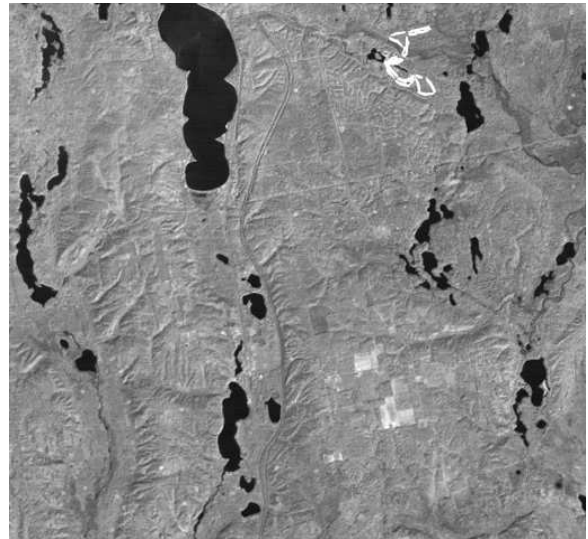
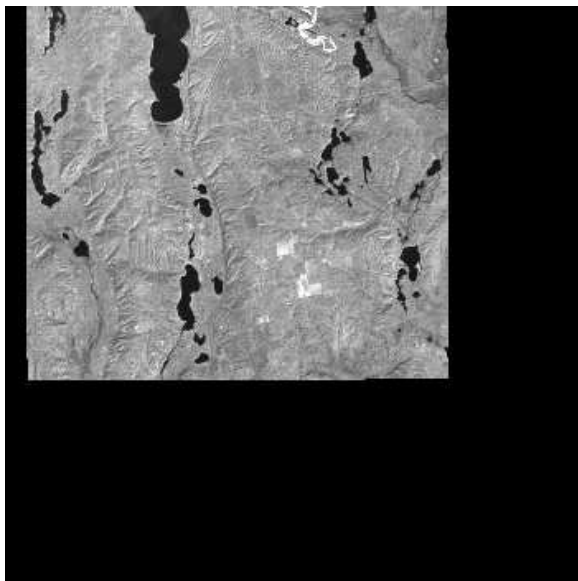


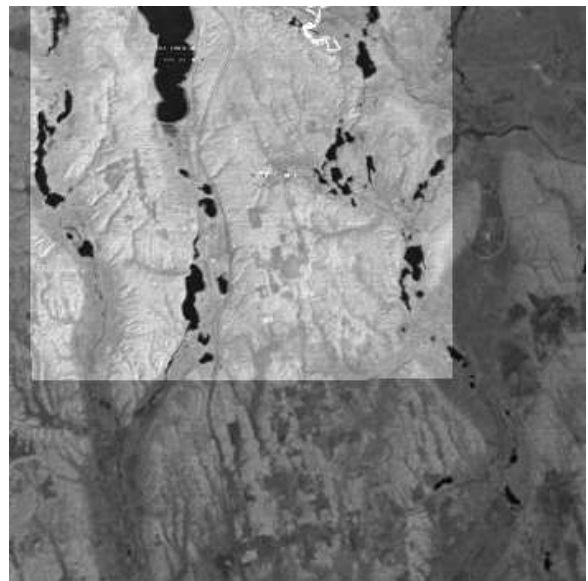
(a)



(b)



(c)



(d)

Fig. 1.1 (a) A Landsat MSS image used as the reference image. (b) A Landsat TM image used as the sensed image. (c) Resampling of the sensed image to register the reference image. (d) Overlaying of the reference and resampled sensed images.

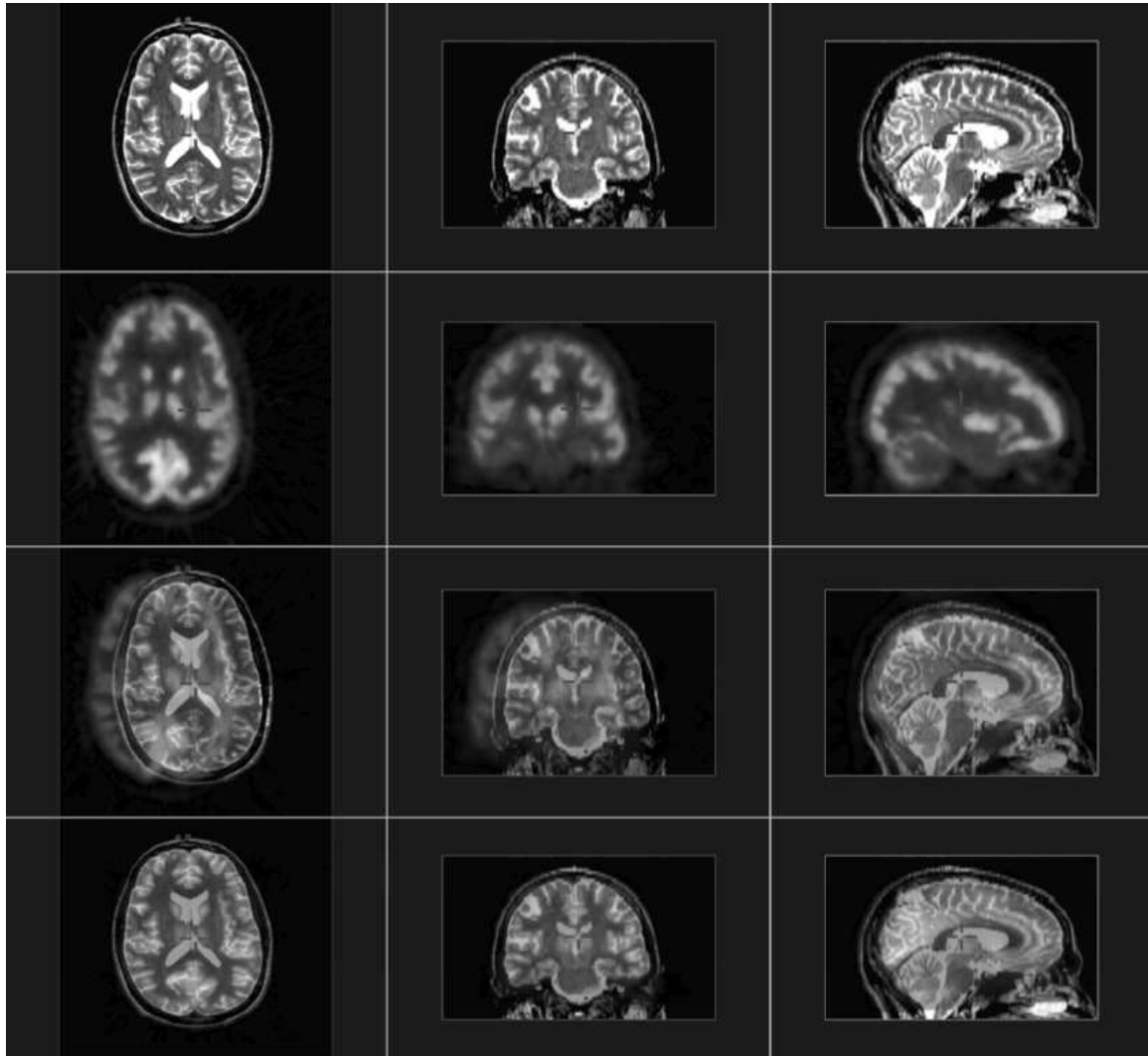


Fig. 1.2. Registration of MR and PET brain images. The first row shows the orthogonal cross-sections of the MR image, the second row shows orthogonal cross-sections of the PET image, the third row shows the images before registration, and the fourth row shows the images after registration.