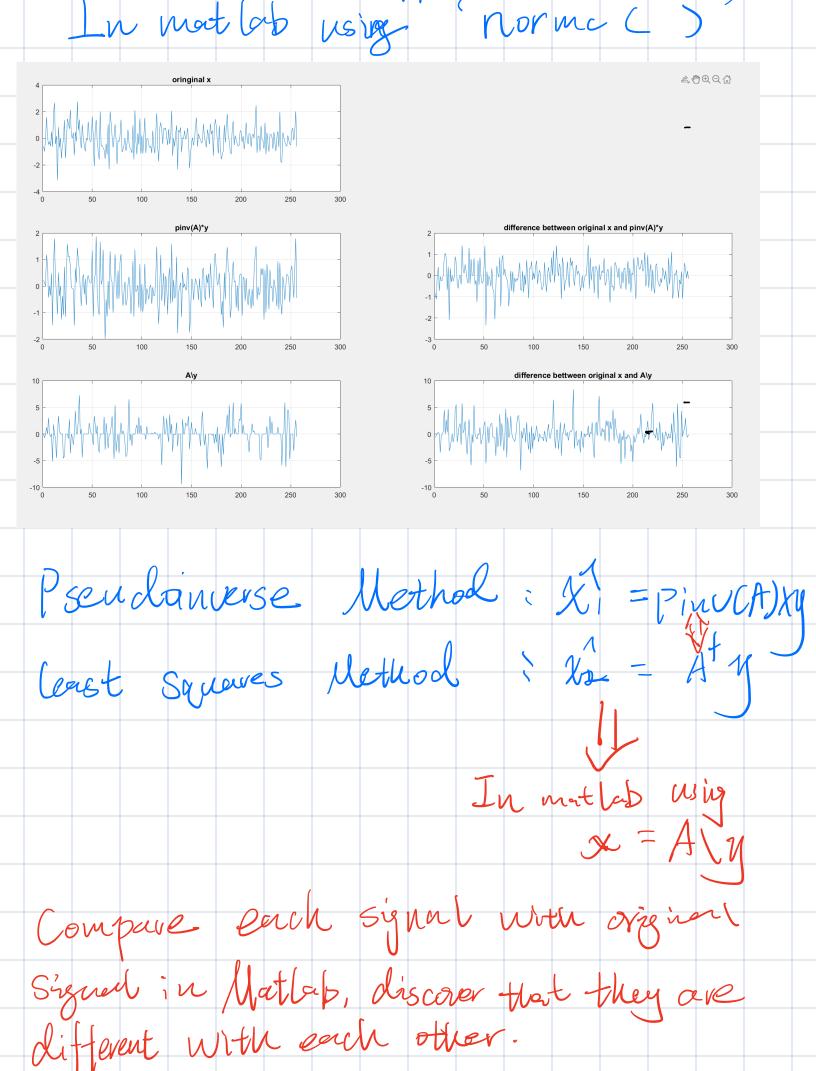
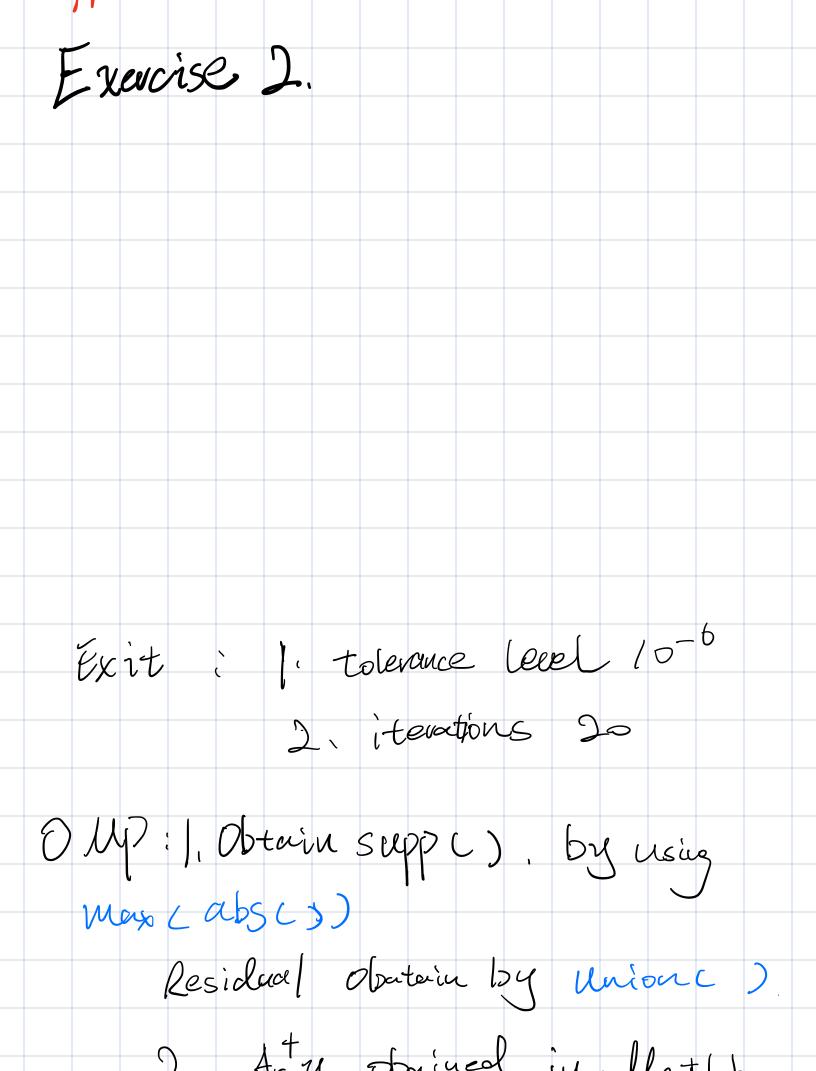
Lab I WD. QINGICIEM 2115TG. Le cover Sparse Signed from Under sampled Observations. [xercise] tron U=Ax. As Aisdefined as mxn matrix Il is our ux 1 matrix, X = AyX is the original Signal to be occurred.

y is the vector of measurements. A is the measurements matrix. Assume la norm aim to normalize





2. TIE O CONTROLLED Pino CA J.y. Sp: Initralization C=Supp(Its(ATy)) is interpreted in Not los US find (absC) Do. (xabs) the threshold is setted at or bs = A54 => b\_T = A \ 4; IIIS: Write a function of Its. which peops S the largest magnitude components as its input, and set the rest as O. Mutles frame. Oupadd oue index at a time to the Support St. Sp. expend the support Set by Sindices. and Shrink, it book to Safterwoods.

