ECE 239AS HU #3

1. L= 1/1/Wx-x112

a.) If WERMAN, then WTWERMAN,

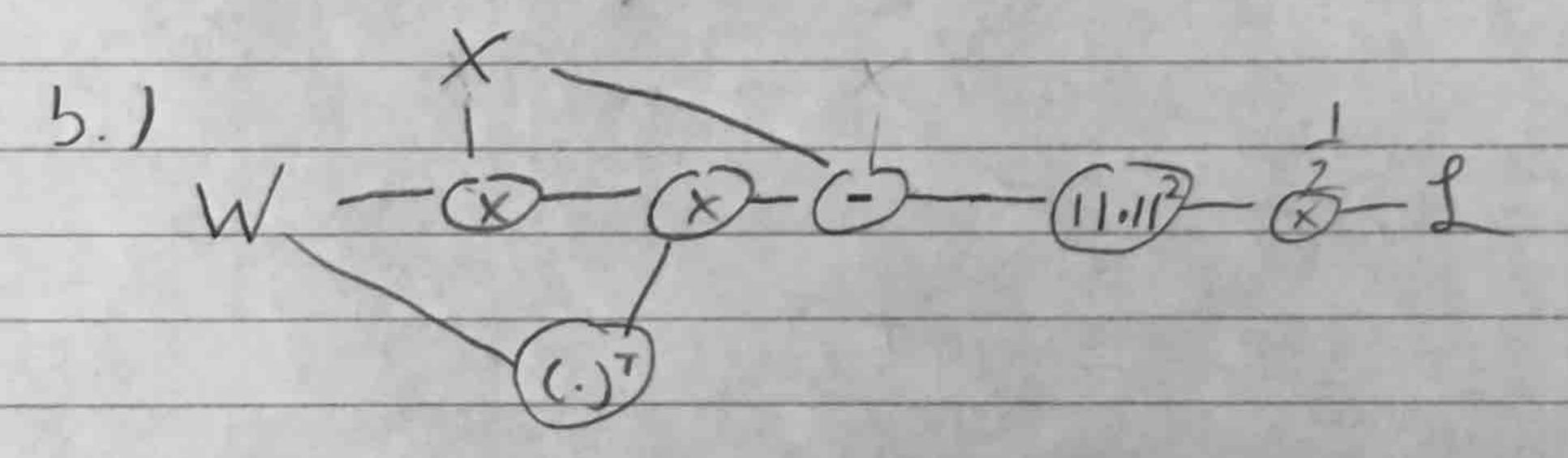
Wx represents the dimensionally reduced
input data. WTWX then represents

the reconstructed data. Minimizing the

difference between this term and the original

vector will result in a matrix W that

retains information within W.



be a summation of all paths leading from W. This is shown by the dofinition of all paths leading from W. This is shown by the dofinition of a "total dorivative" which is defined as df - If I of Ix + If Ix I of Ix of Ix I of Ix Ix I of Ix

