Clarification about Upcoming Regularization Video

Please note that in the next video at 5:45, the Frobenius norm formula should be the following:

||w^{[l]}||^{2} = \sum\_{i=1}^{n^{l}} \sum\_{j=1}^{n^{[l-1]}} (w\_{i,j}^{[l]})^{2}∣∣*w*[*l*]∣∣2=∑*i*=1*nl*​∑*j*=1*n*[*l*−1]​(*wi*,*j*[*l*]​)2

The limit of summation of i should be from 1 to n^{[l]}*n*[*l*],

The limit of summation of j should be from 1 to n^{[l-1]}*n*[*l*−1].

(it's flipped in the video). The rows "i" of the matrix should be the number of neurons in the current layer n^{[l]}*n*[*l*];

whereas the columns "j" of the weight matrix should equal the number of neurons in the previous layer n^{[l-1]}*n*[*l*−1].