source code: embeddings = emb\_new embeddings =  $reLU(em\overline{b}eddings)$ emb\_new Read embeddings d model tokens W = np.random.rand(d\_model \* 4, d\_model)

W\_0 = np.random.rand(d\_model)

emb\_new = np.zeros((tokens, d\_model)) Read Read Read Read Read embeddings d model reLU(embeddings) np.random.rand(d\_model) np.zeros((tokens, d\_model)) Write Read embeddings W\_0 Write emb new np.random.rand(d\_model \* 4, d\_model) Write Write Write