Computation | Seventics
Jahwal Language Processing

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doesn't depend on to,

Assignment 1

4. FASTText Embeddings

b) 2e6

a) i)
$$\frac{\partial L}{\partial u_c} = \frac{\partial}{\partial u_c} \left(-\log(\sigma(s(w_c, w_c))) - \dots \right)$$

$$\frac{a)}{\partial u_{n}} = \frac{\partial}{\partial u_{n}} - \frac{\log(--)}{\partial u_{n}} - \frac{2\log(\sqrt{t} - s(w_{+}, w_{n}))}{u \in W}$$

$$= 0$$

Solore as i) but with a nagarthe sign

$$=) \frac{\partial L}{\partial u_n} = (1 - \sigma(-s(w_+, w_n))) \sum_{q \neq q} z_q$$

=
$$\frac{Z}{u \in N_e} \left(1 - J(-S(w_+, w_u)) u_u + \left(J(S(w_+, w_c) - 1) u_c \right) \right)$$