

inplace operation

$X.\text{unsqueeze\_}(p)$

Require

$$(X) = (d_1, d_2, \dots, d_n)$$

Guarantee

$$(X) = \begin{cases} (d_1, d_2, \dots, d_p, 1, d_{p+1}, \dots, d_n) & (p \geq 0) \\ (d_1, d_2, \dots, d_{n-p}, 1, d_{n-p+1}, \dots, d_n) & (p < 0) \end{cases}$$

Description: Unsqueezees self Tensor, creating new dimension at given rank