torch.unsqueeze

$$\frac{\sigma \vdash E \Rightarrow e, c \quad k = \mathrm{rank}(e) \quad e' = e[1:n] \mathbin{@} (1) \mathbin{@} e[n+1:k] \quad c' = \{(k \geq 1) \wedge \neg(n < 0) \wedge (n < k)\}}{\sigma \vdash \mathrm{unsqueeze}(E, n) \Rightarrow e', c \cup c'}$$

torch.unsqueeze(x, n)

Require $|x| = (d_1, d_2, \cdots, d_k)$, $0 \leq n < k$

Guarantees

$(d_1, \cdots, 1, \cdots, d_k)$ 를 tensor형태로 반환

($n+1$)번째