

$$y = \text{torch.real}(x)$$

Require:  $|x| = (d_1, d_2, \dots, d_k)$

Guarantee  $|y| = (d_1, d_2, \dots, d_k)$   $y$  is real type

$$\sigma(E) \Rightarrow e, c$$

$$k = \text{rank}(e)$$

$$d = \{k \geq 1\}$$

$$\sigma(\text{torch.real}(E)) \Rightarrow e, \text{cvc'}$$

Description: Returns real part of the each complex element