

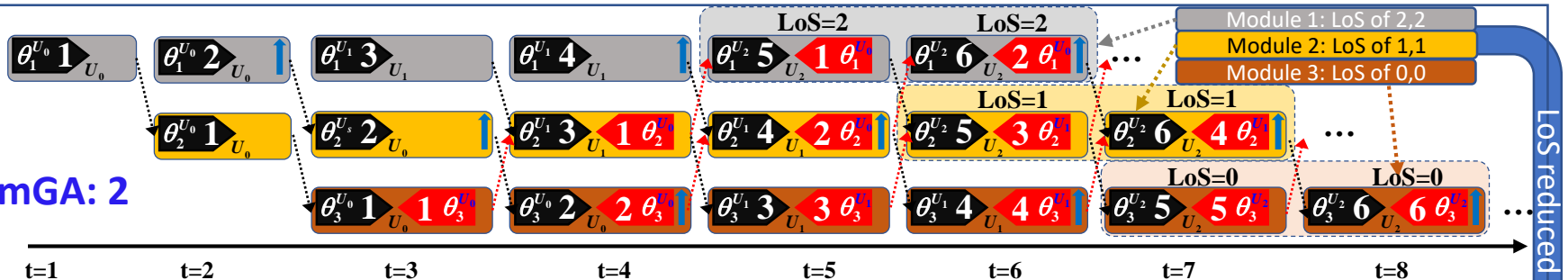


Forward pass of batch \mathbf{a} with update index \mathbf{s} and backward pass of batch \mathbf{b} with update index \mathbf{e} , and currently the network has update index \mathbf{s}

.....► Activation communication
◄..... Gradient communication

↑ Weight update

(a) mGA: 2



(b) mGA: 4

