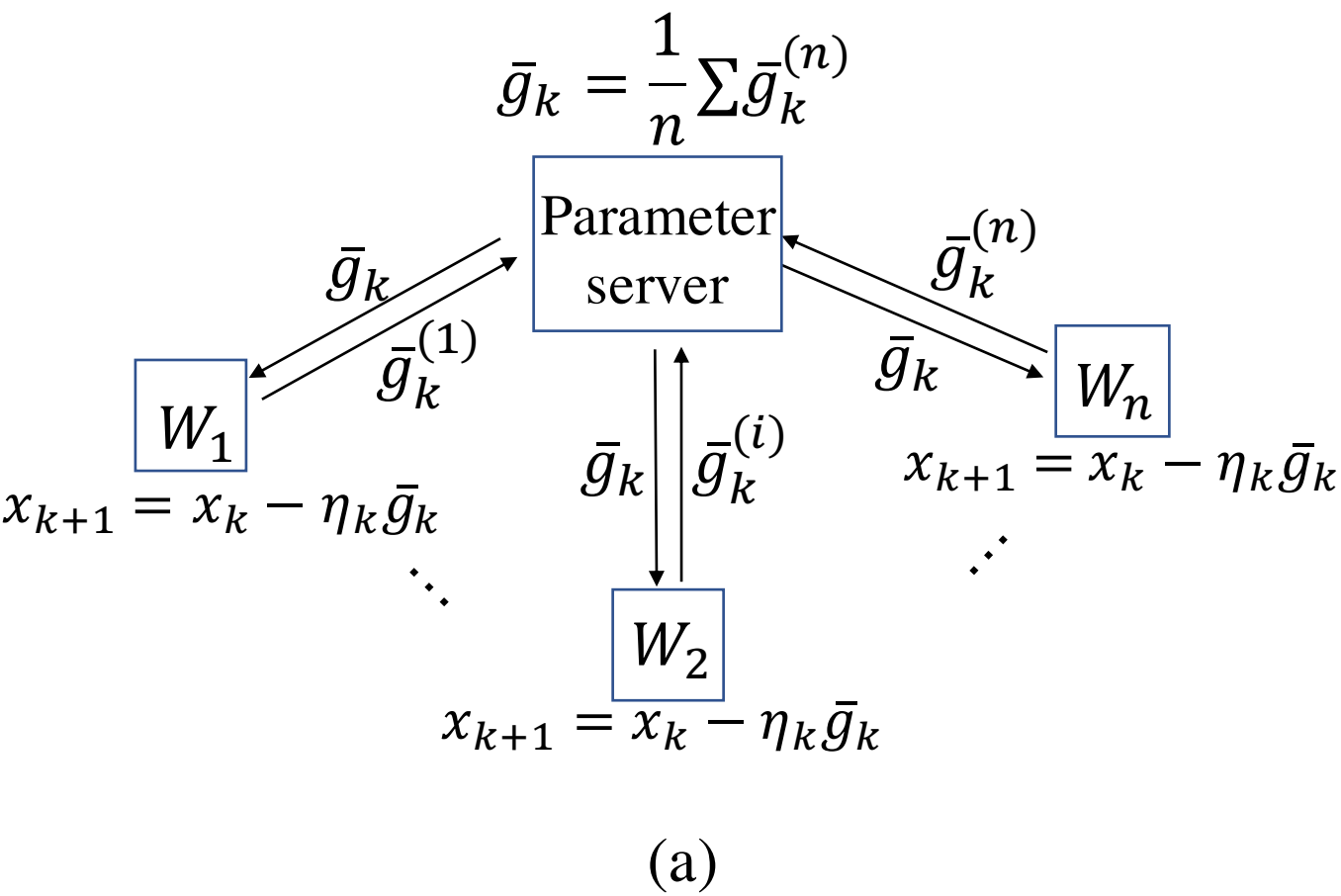
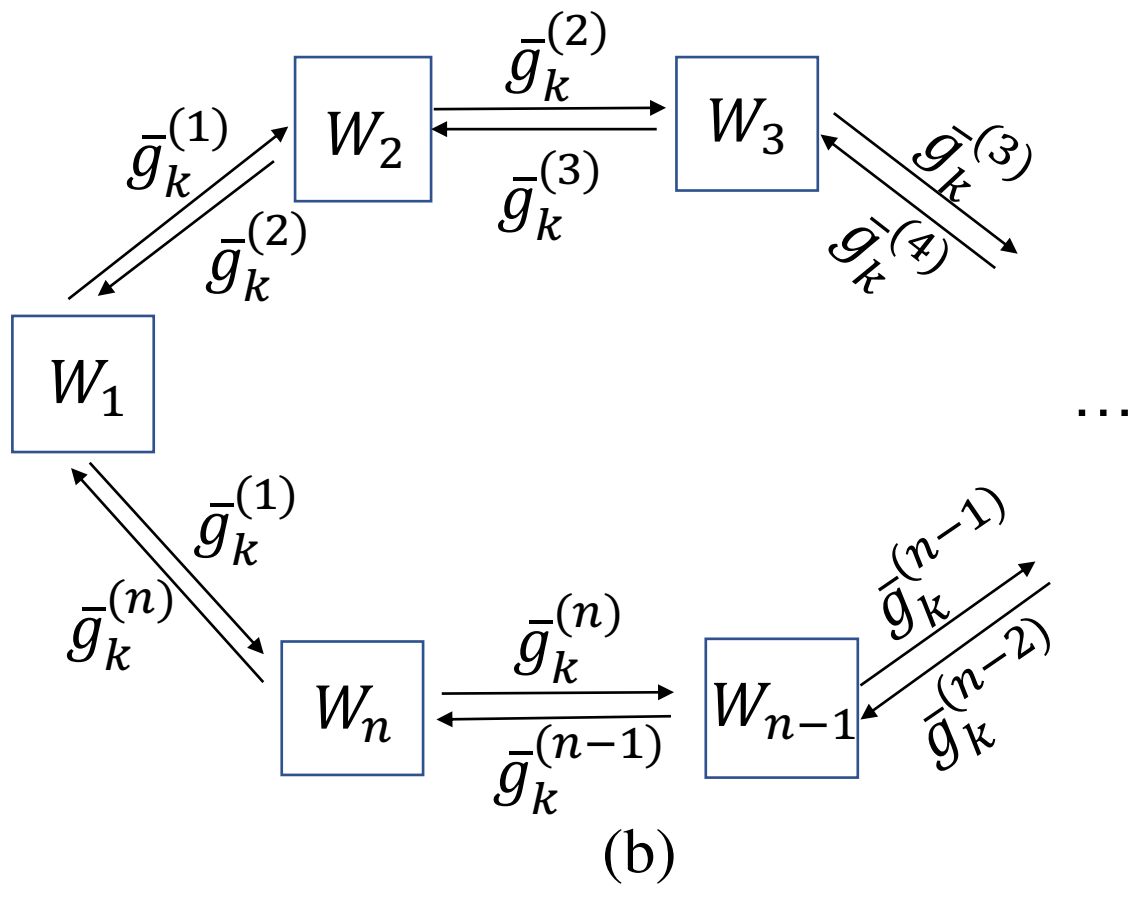

$\bar{g}_k = \frac{1}{n}\sum \bar{g}_k^{(n)}$
Parameter server
$\bar{g}_k$
$\bar{g}_k^{(1)}$
$\bar{g}_k^{(n)}$
$\bar{g}_k$
$\bar{g}_k$
$\bar{g}_k^{(i)}$
W_1
W_2
W_n
$x_{k+1} = x_k - \eta_k \bar{g}_k$
$x_{k+1} = x_k - \eta_k \bar{g}_k$
$x_{k+1} = x_k - \eta_k \bar{g}_k$
(a)


W_1
W_2
W_3
W_n
W_{n-1}
$\bar{g}_k^{(1)}$
$\bar{g}_k^{(2)}$
$\bar{g}_k^{(2)}$
$\bar{g}_k^{(3)}$
$\bar{g}_k^{(3)}$
$\bar{g}_k^{(4)}$
$\bar{g}_k^{(1)}$
$\bar{g}_k^{(n)}$
$\bar{g}_k^{(n)}$
$\bar{g}_k^{(n-1)}$
$\bar{g}_k^{(n-1)}$
$\bar{g}_k^{(n-2)}$
...
(b)