$$\begin{array}{l} \frac{1}{2}d, W_k d \\ W_k \\ W_k \\ \frac{1}{2t_k} \|d\|^2 \\ vqricable \\ met \\ met \\ dle \\ met heads \\ \frac{1}{2}d, W_k \\ \\ \min_{\hat{x}^k + d \in \mathbb{N}} M_k(\hat{x}^k + d) + \\ \frac{1}{2}d, W_k d \\ \frac{1}{2}d, W_k d$$