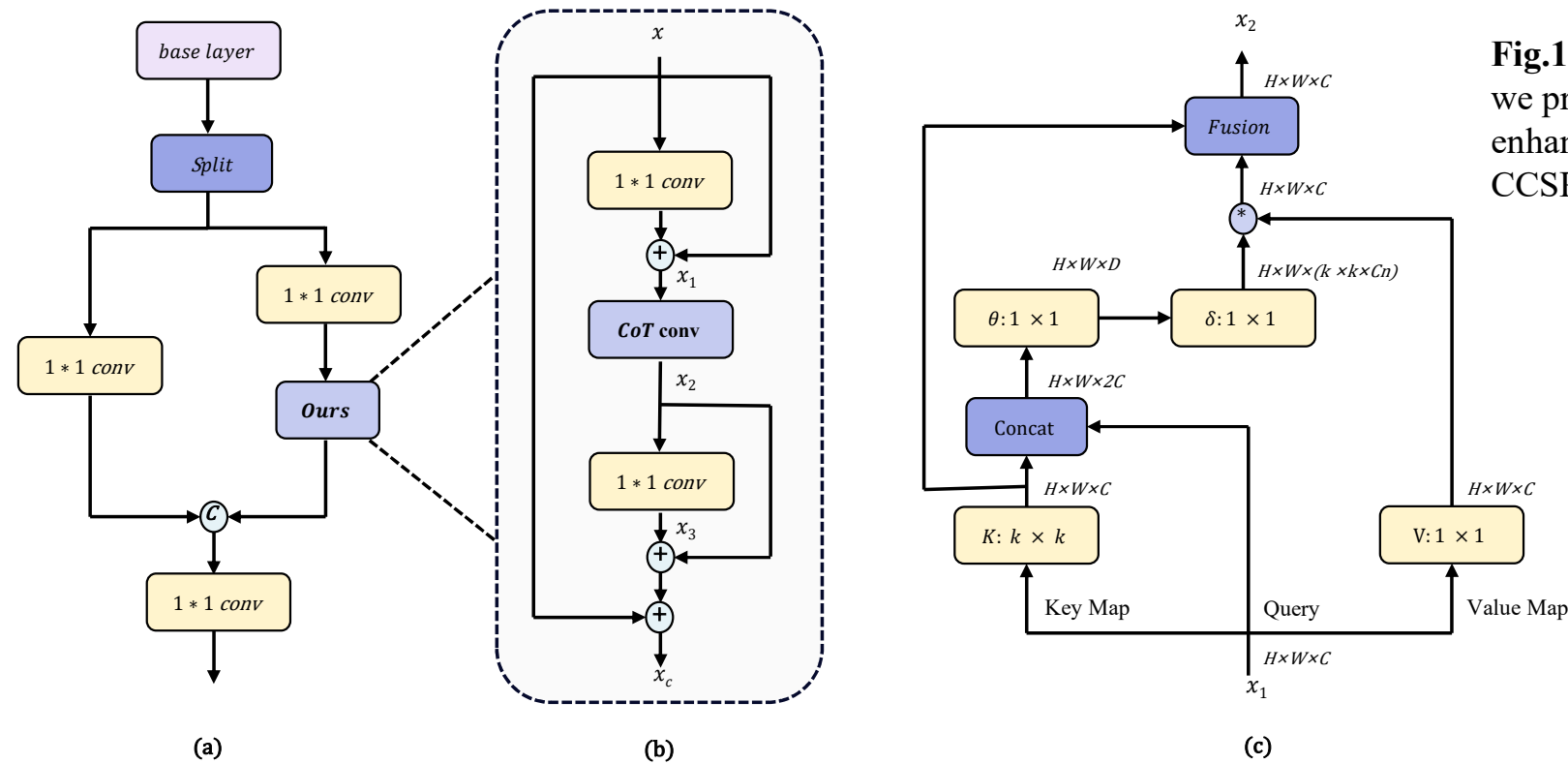# Cross Contextual Stage Partical Network

Fig.1 The feature enhancement module that we proposed:(a) Architecture of our feature enhancement module.(b) The structure of the CCSPNet.(c) The structure of the CoT.

$$K_1 = K \cdot W_k \qquad (1)$$
$$A = [K_1, Q] \cdot W_\theta \cdot W_\delta \qquad (2)$$
$$K_2 = V * A \qquad (3)$$
$$X_2 = K_1 + K_2 \qquad (4)$$