

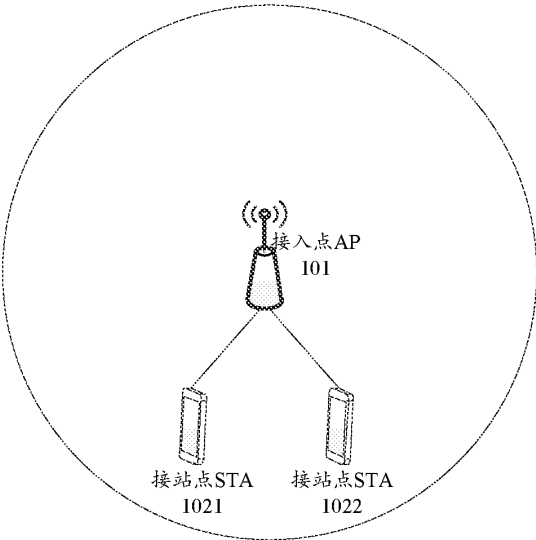


图 1

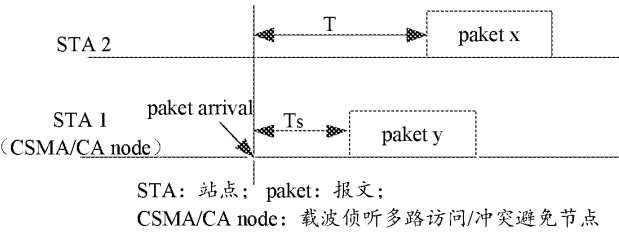


图 2

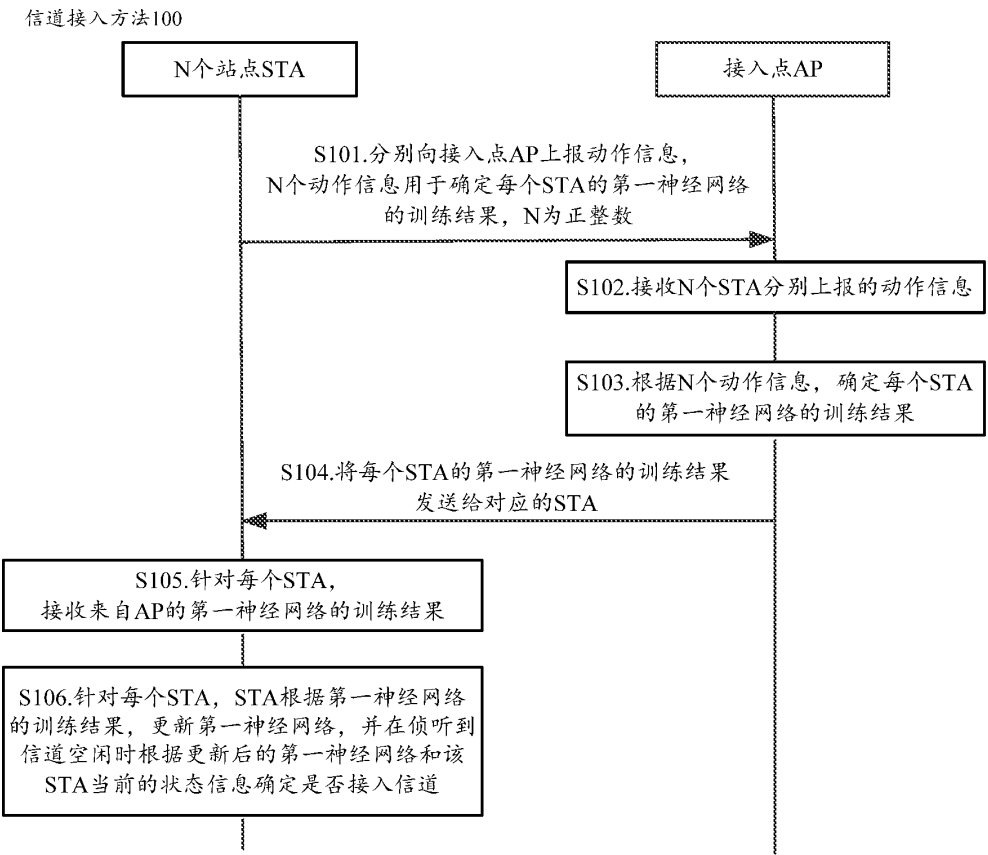
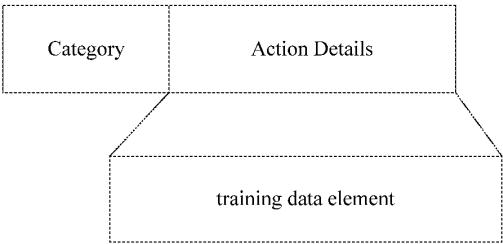
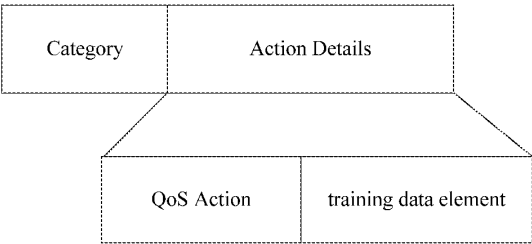


图 3



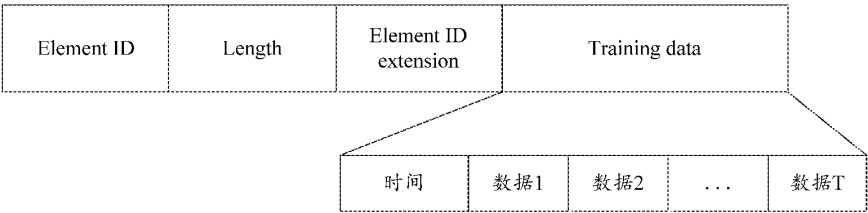
Category: 类型; Action Details: 动作详细信息
training data element: 训练数据单元

图 4



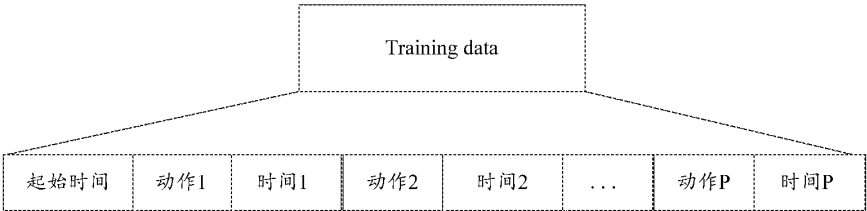
Category: 类型; Action Details: 动作详细信息
training data element: 训练数据单元
QoS Action: 服务质量动作

图 5



Length: 长度; Training data: 训练数据
Element ID: 单元身份标识; Element ID extension: 单元身份标识扩展

图 6 (a)



Training data: 训练数据

图 6 (b)

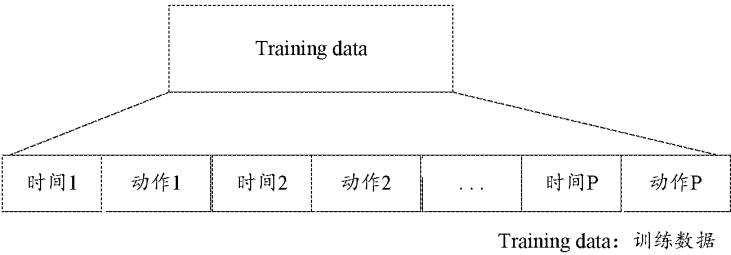


图 6 (c)

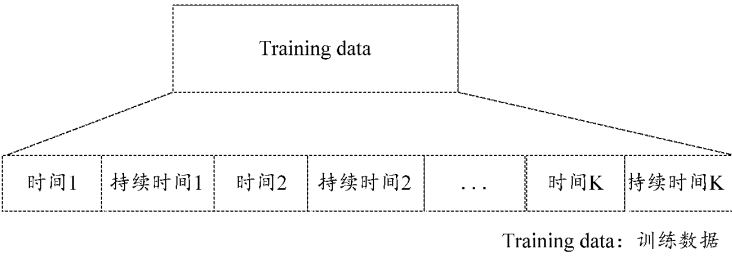


图 6 (d)

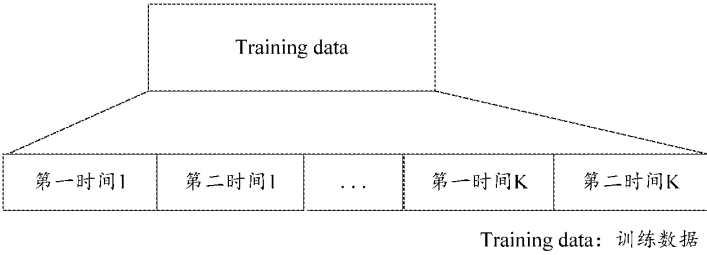


图 6 (e)

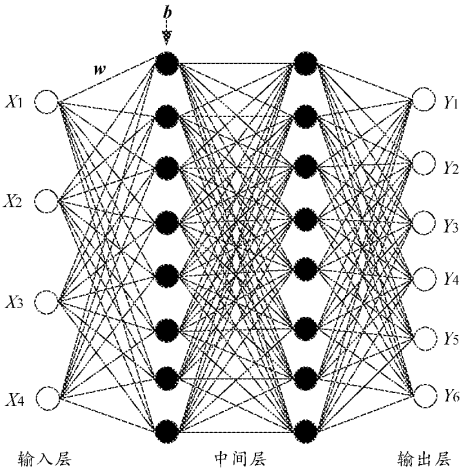


图 7

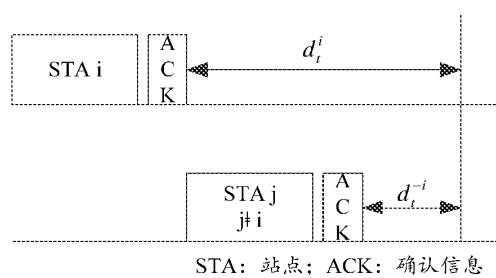
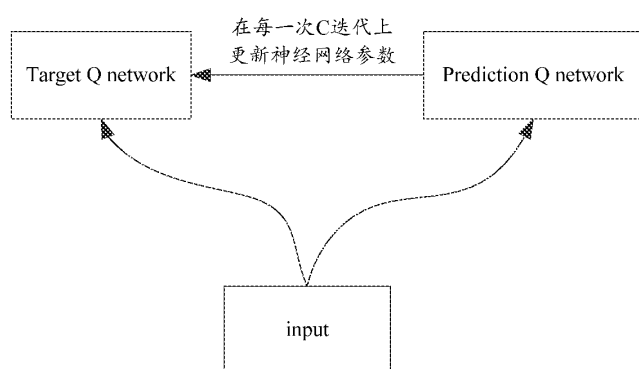


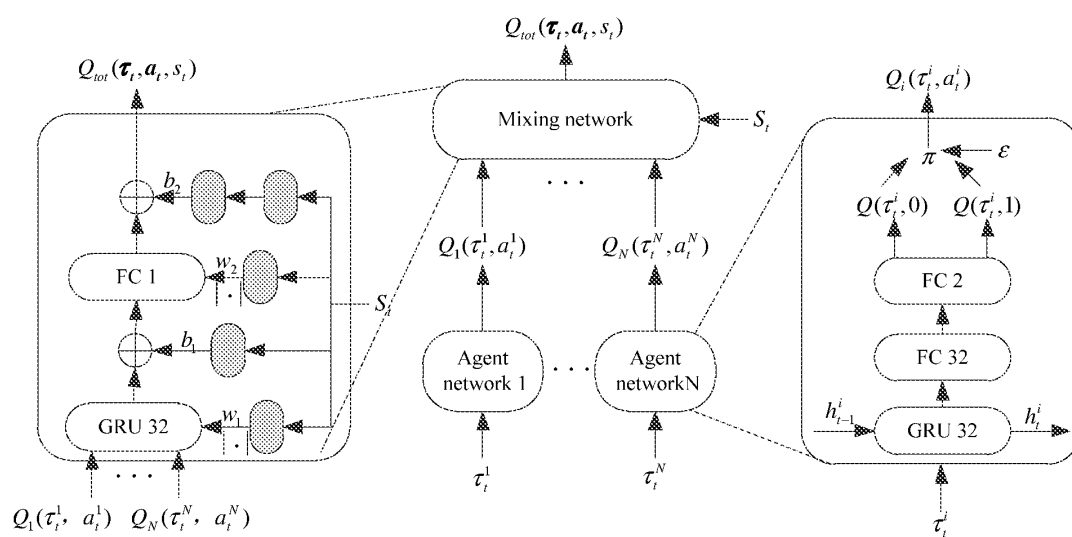
图 8



Target Q network: 目标Q网络

Prediction Q network: 预测Q网络; input: 输入

图 9



Mixing network: 混合网络; Agent network: 代理网络; GRU: 门控循环单元; FC: 全连接神经网络

图 10

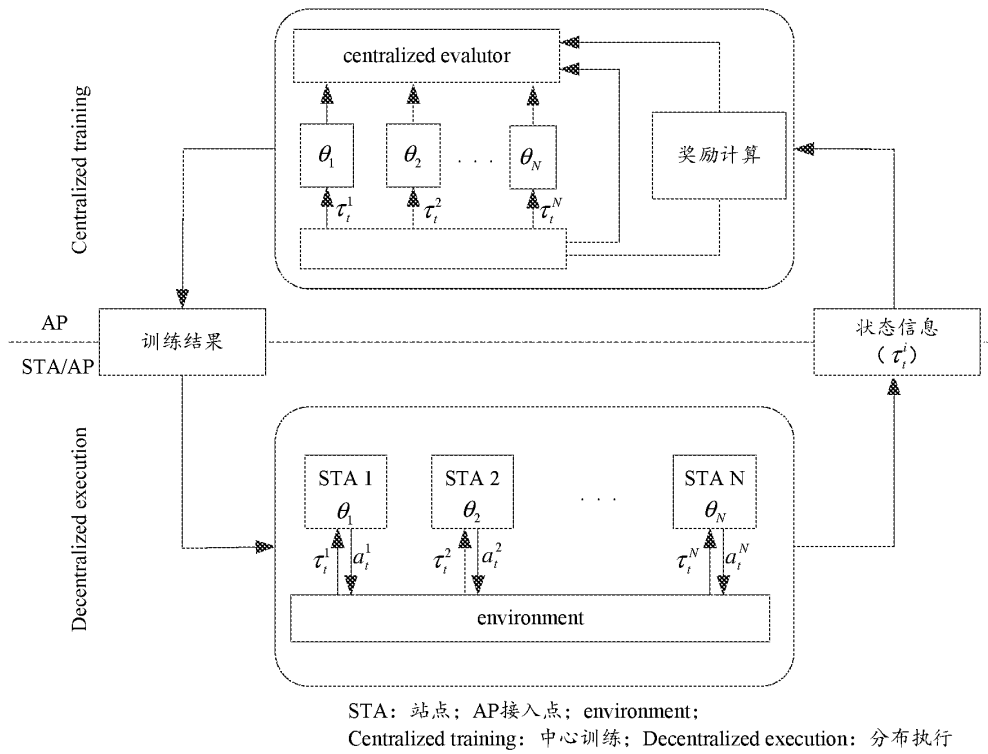


图 11

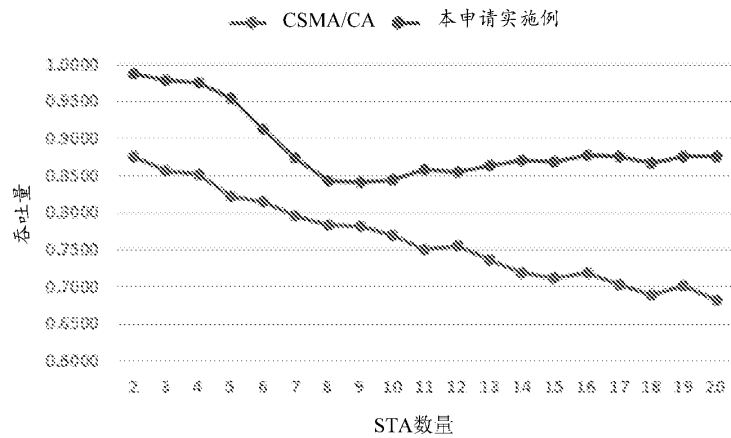


图 12

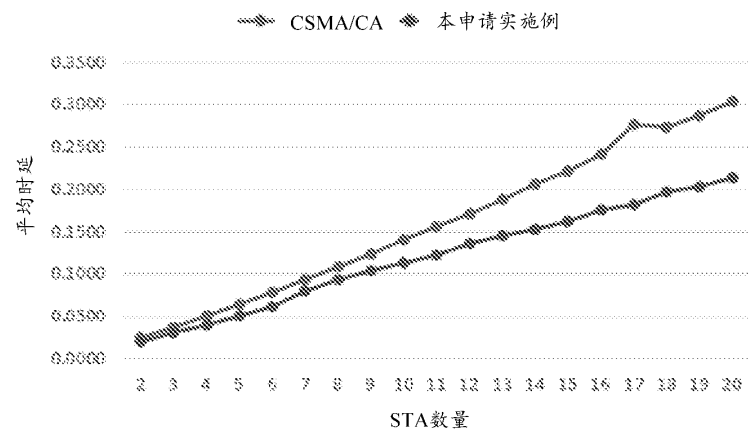


图 13

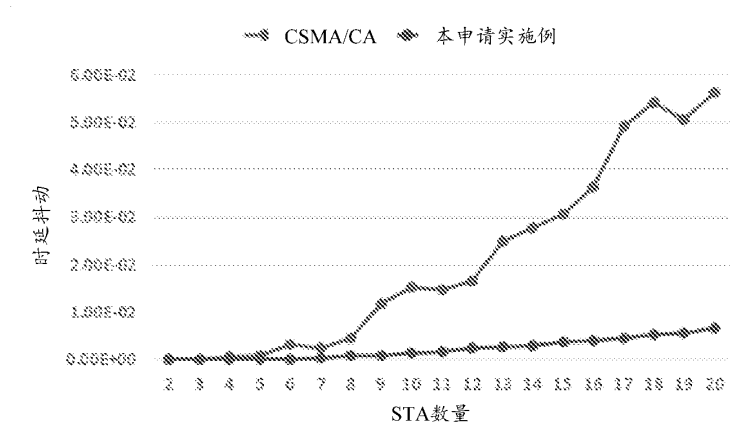


图 14

Element ID	Length	Element ID extension	NN parameters or gradients
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Element ID: 单元身份标识; Length: 长度
Element ID extension: 单元身份标识扩展
NN parameters or gradients: 神经网络参数或梯度

图 15

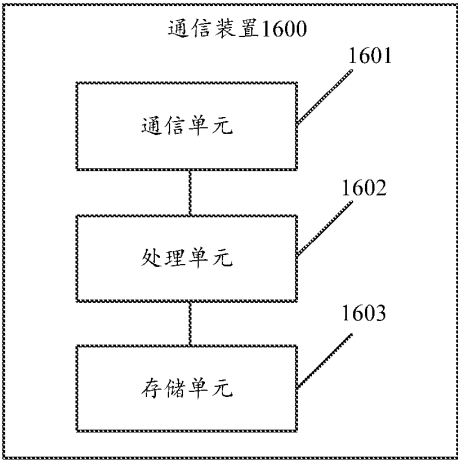


图 16

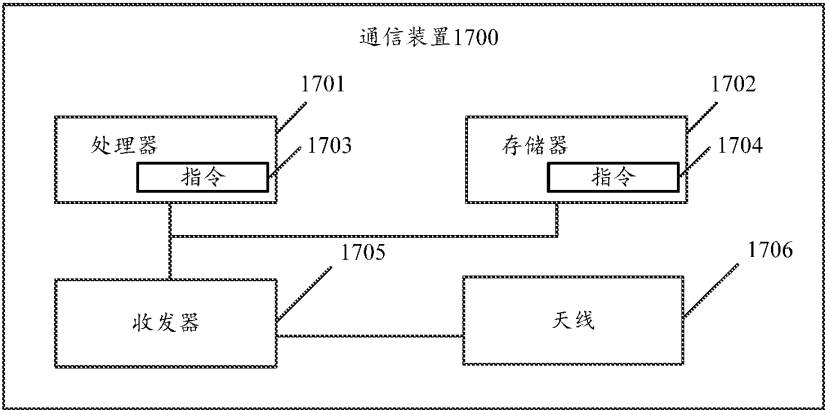


图 17