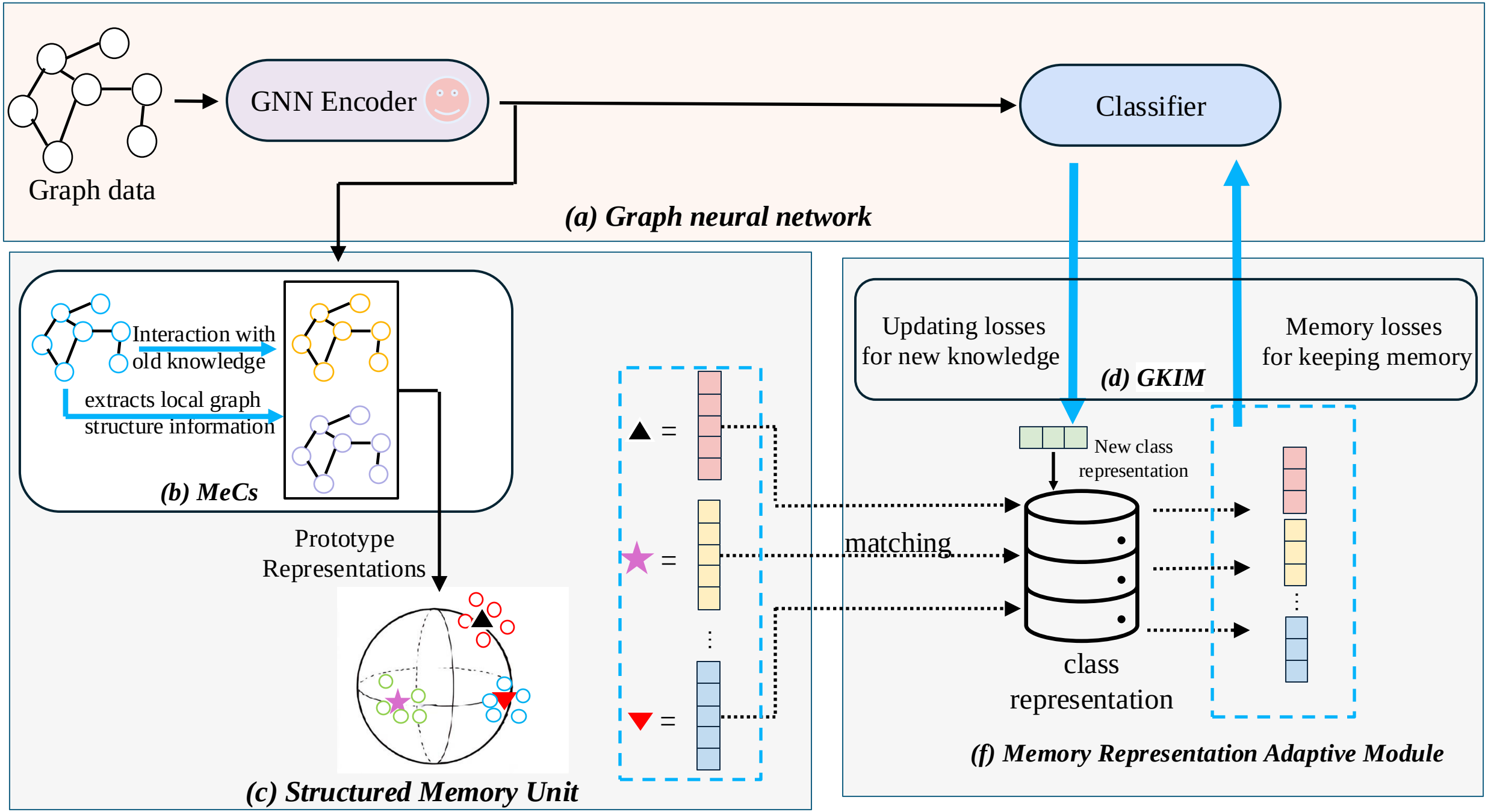
Graph data
GNN Encoder
Classifier
(a) Graph neural network
Interaction with
old knowledge
extracts local graph
structure information
(b) MeCs
Prototype
Representations
(c) Structured Memory Unit
Updating losses
for new knowledge
(d) GKIM
Memory losses
for keeping memory
New class
representation
matching
class
representation
(f) Memory Representation Adaptive Module