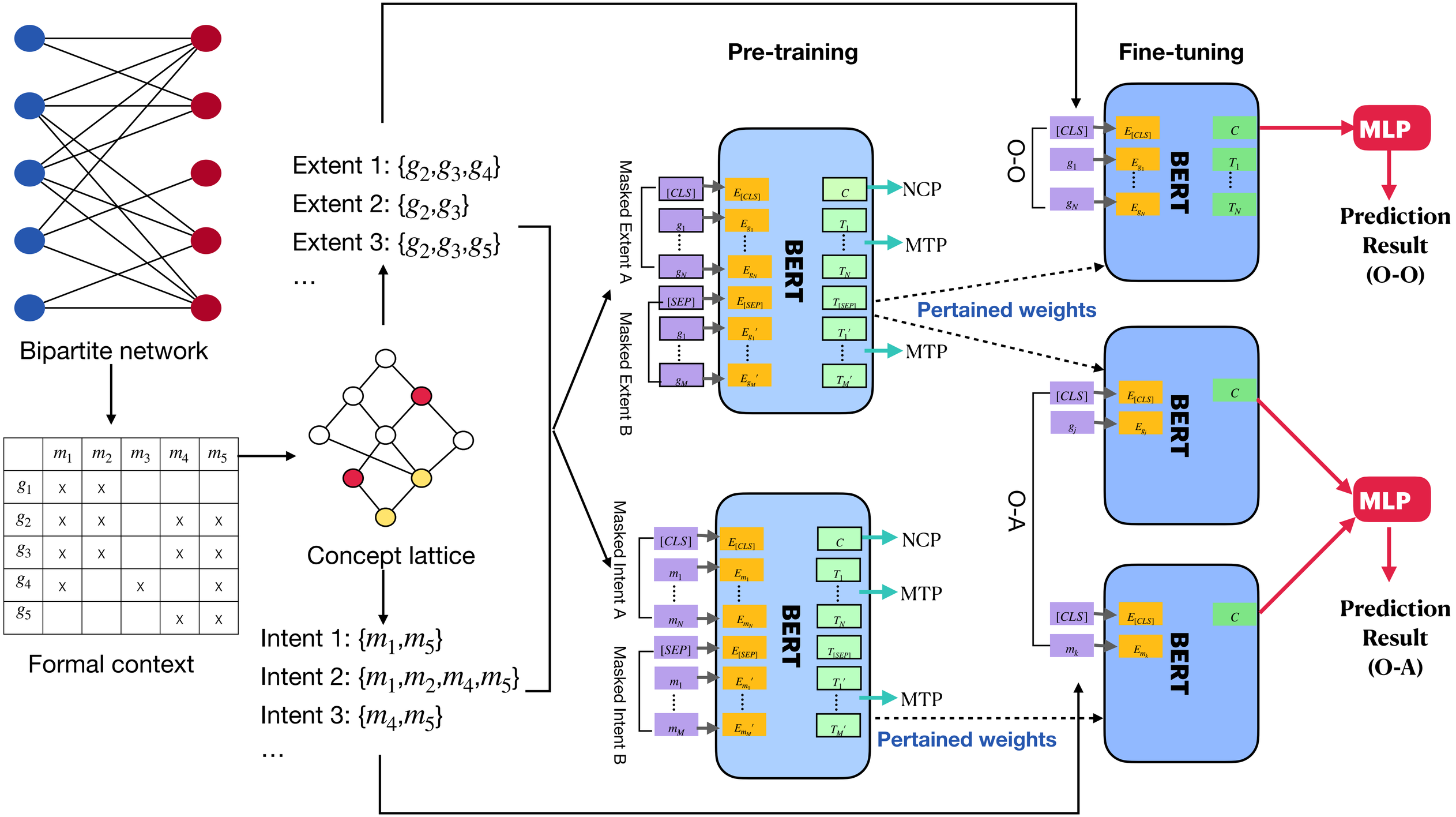
Bipartite network
Formal context
Concept lattice
Extent 1: {g2,g3,g4}
Extent 2: {g2,g3}
Extent 3: {g2,g3,g5}
...
Intent 1: {m1,m5}
Intent 2: {m1,m2,m4,m5}
Intent 3: {m4,m5}
...
Pre-training
Fine-tuning
Masked Extent A
Masked Extent B
Masked Intent A
Masked Intent B
BERT
NCP
MTP
Pertained weights
O-O
O-A
MLP
Prediction Result (O-O)
Prediction Result (O-A)