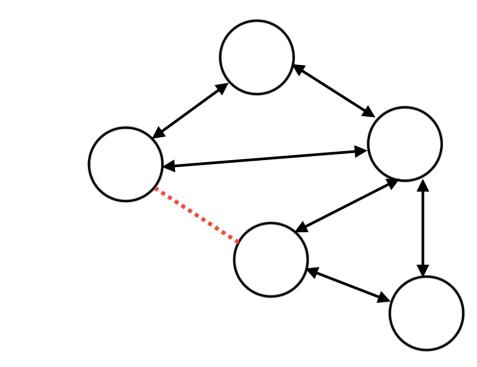


HeteroGCN Layer

$$h_i^1 = \sigma[K(H(x_i), m_i))]$$

Activation function: ReLU Updation for node i

Layer 1



Customer	C1	C2	C3	C4	1	1	1	1	1	•••	1	·
Transaction	T1	T2	Т3	T4	T5	Т6	T7	Т8	1	•••	1	
Merchant	M1	M2	МЗ	1	1	1	1	1	1	•••	1	1

