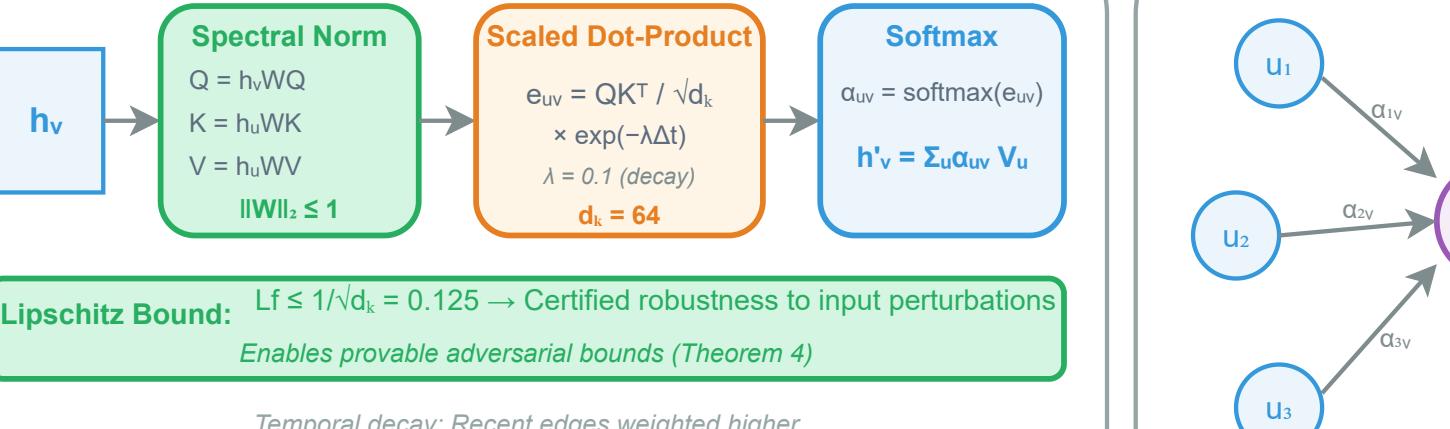


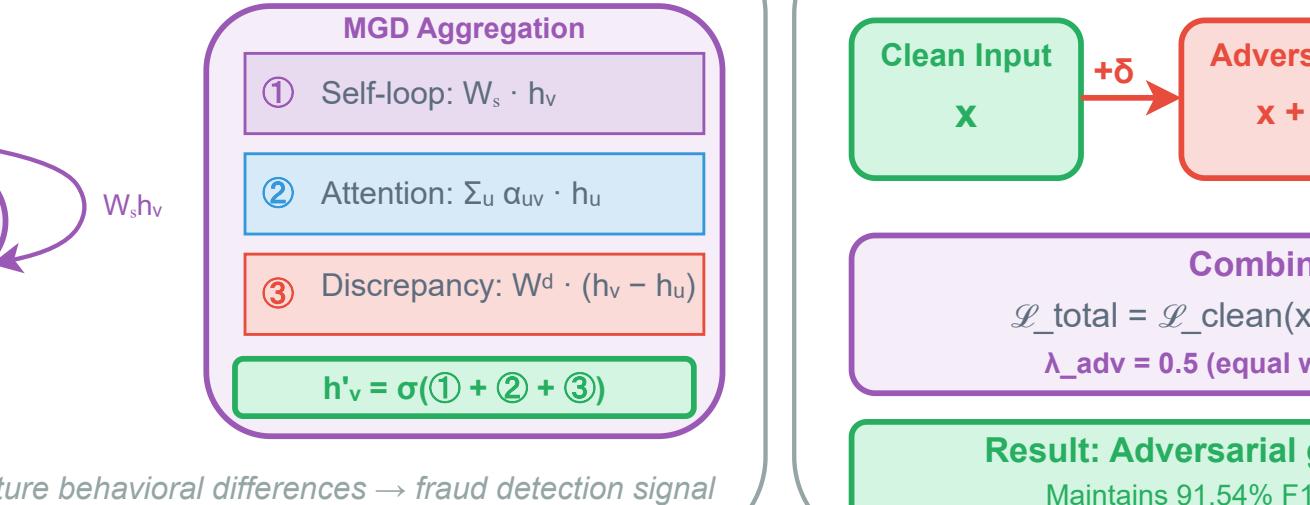
(a) End-to-End Neural Pipeline



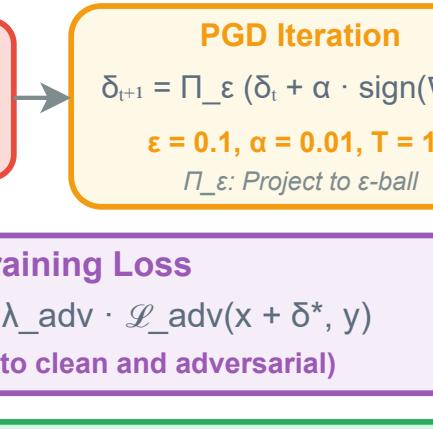
(b) Certified Attention Mechanism



(c) Message-passing with Gradient Discrepancy (MGD)



(d) PGD Adversarial Training



(e) Cross-Chain Correlation Module

