

## LIST OF FIGURES

2.1	VANET Communication . . . . .	9
2.2	VANET on NDN . . . . .	11
2.3	Architecture of V-NDN model . . . . .	12
2.4	VANET on IP . . . . .	13
2.5	protocol on NDN and TCP/IP . . . . .	14
2.6	Format of NDN interest and data packets . . . . .	16
2.7	Forwarding process on NDN . . . . .	17
2.8	TCP three-way handshake . . . . .	20
2.9	Signal on NDN . . . . .	21
3.1	System Model . . . . .	30
3.2	flowchart self-learning default . . . . .	32
3.3	flowchart self-learning elimination NACK mechanism . . . . .	33
3.4	flowchart self-learning limitation NACK mechanism . . . . .	35
3.5	Log Simulation . . . . .	36
3.6	simulation urban area. . . . .	39
4.1	Comparison graph of round trip time results . . . . .	43
4.2	Comparison graph of Throughput results . . . . .	45
4.3	Comparison graph of Cache Hit Ratio results . . . . .	47
4.4	Comparison graph of Round Trip Time results . . . . .	49
4.5	Comparison graph of Throughput results . . . . .	50
4.6	Comparison graph of Cache Hit Ratio results . . . . .	51