

LIST OF TABLES

2.1	Difference between monomial and posynomial.	10
3.1	Parameters setting.	38
4.1	Avarage system's data rate with fixed D2D	42
4.2	Avarage system's data rate with fixed CUE.	43
4.3	Average system's energy efficiency with fix D2D.	44
4.4	Average system's energy efficiency with fix D2D.	46
4.5	Time consumption	47
4.6	Big O time complexity of CNN.	50
4.7	Big O time complexity of CNN-SPP.	50
4.8	Tabel comparison of CA, CNN and CNN-SPP	51