

LIST OF TABLES

2.1	Comparison method of previous works	14
3.1	Contribution of proposed method	35
4.1	Data of video for experiment	37
4.2	Sample data training	38
4.3	Performance for sample of training data with number of samples for each person = 2, 3, and 5	39
4.4	Confusion matrix	41
4.5	Experiment result for all videos	41
4.6	Experiment result for gesture types	42
4.7	Confusion matrix of gesture types result	43
4.8	The fail recognized for video	43
4.9	Fail recognized for all gestures	43
4.10	Fail recognized for person#1	44
4.11	Fail recognized for person#2	45
4.12	Fail recognized for person#4	45
4.13	The comparison the performance with the previous works	47