# Table

| The situation of various image sequence | Inner weight |
| --- | --- |
| A simple square shape with no uniform noise | 1/5 |
| A simple square shape with 5% uniform noise | 2/3 |
| A simple square shape with 15% uniform noise | 1/2 |
| A simple square shape with 25% uniform noise | 1 |
| A car on the road | 1/4 |
| A walking adult | 1/6 |

Table 5-1 the weight values in several moving objects

|  | The thesis | *S-I. Chien* and *S-H. Sung* [2] [26] |
|---|---|---|
| Motion detection | PDOE operator | PDOE operator |
| Tracking algorithm | Projection-based | Correlation-based |
| The computation complexity of algorithm | O $(n)$ | O $(n^2)$ |
| Numbers of target | 1 | 1 |
| Speed of convergence | 5 frames | 20 frames |
| Accuracy | average | better |

Table 6-1 Compare with the method which *S-I. Chien* and *S-H. Sung* proposed. [2] [26]