

The Kalman Filter

Image Processing and Interpretation at The University of Nottingham









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| Example Continued | | | | | | | | |
|---|--|-------|-------|-------|-------|-------|-------|----|
| • The computation then iterates with each measurement | | | | | | | | |
| | t | 1 | 2 | 3 | 4 | 5 | 6 | 1- |
| | s _t - | 550 | 118 | 132 | 147 | 164 | 180 | |
| | p _t - | 302K | 21.7 | 15.2 | 13.8 | 13.2 | 13.2 | 19 |
| | m _t | 91 | 103 | 115 | 129 | 140 | 153 | 13 |
| | k _t | 1.176 | 0.719 | 0.616 | 0.587 | 0.578 | 0.575 | 1 |
| | s _t | 107 | 120 | 134 | 149 | 165 | 180 | |
| | p _t | 8.46 | 7.25 | 6.90 | 6.79 | 6.76 | 6.75 | |
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