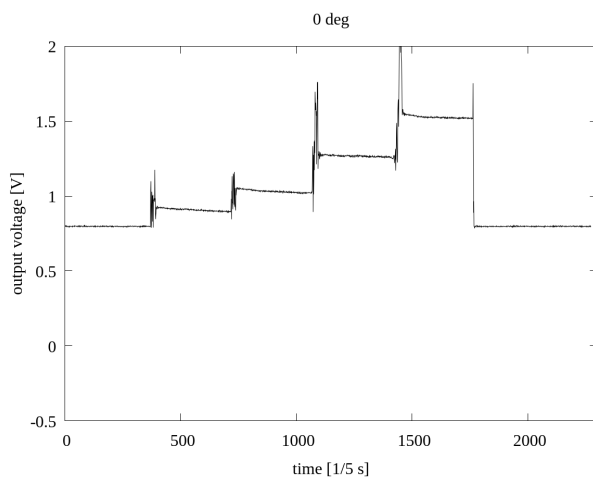# 1　Raw data

1.1　0 deg

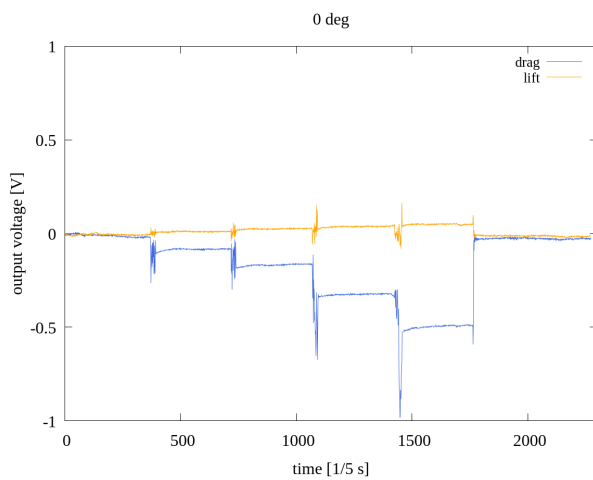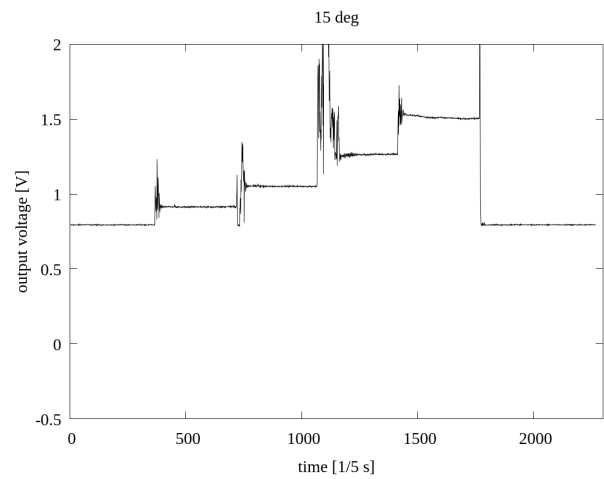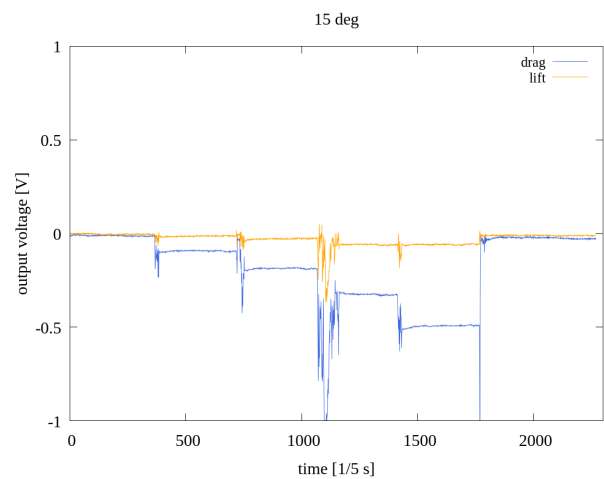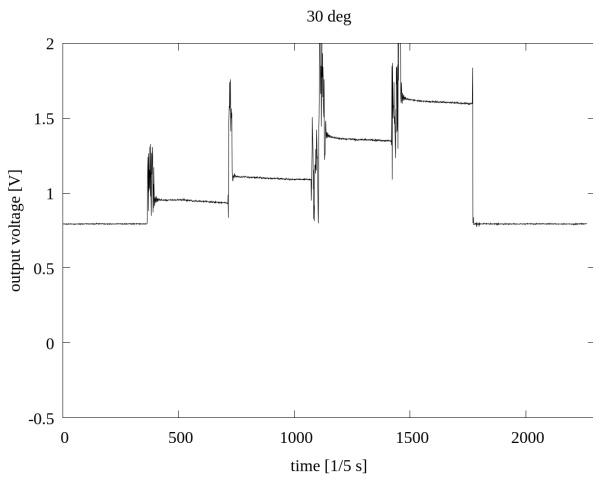Fig.1　Result of loadcell voltage

Fig.2　Result of strainsensor voltage

1.2　15 deg

Fig.3　Result of loadcell voltage

Fig.4　Result of strainsensor voltage

1.3   30 deg

30 deg

Fig.5   Result of loadcell voltage

30 deg

Fig.6   Result of strainsensor voltage

1.4   45 deg

45 deg

Fig.7   Result of loadcell voltage
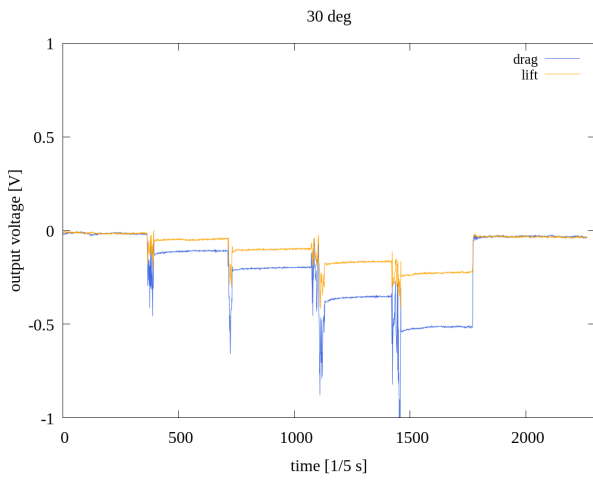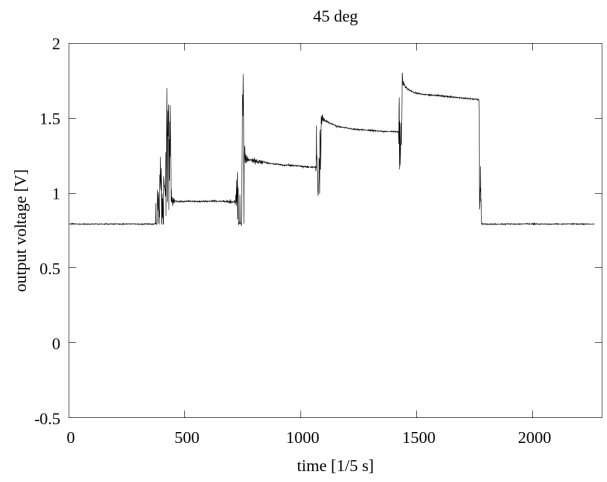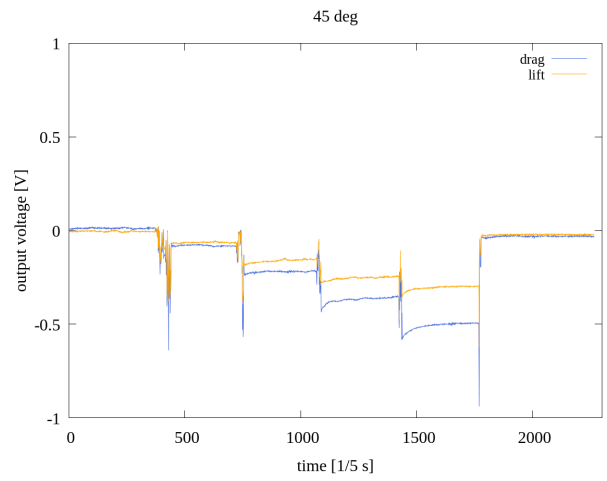

45 deg

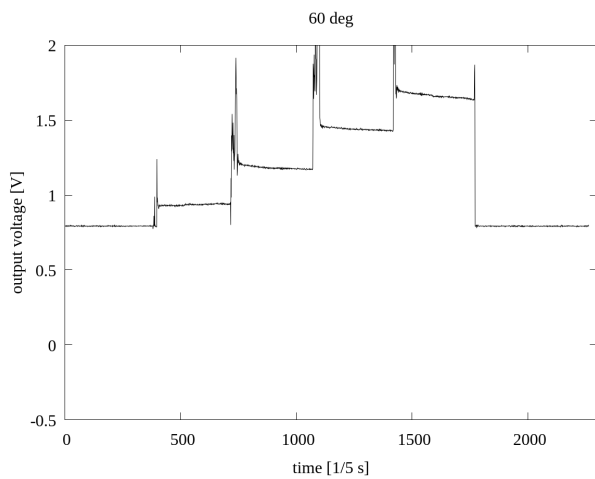Fig.8   Result of strainsensor voltage

1.5 60 deg

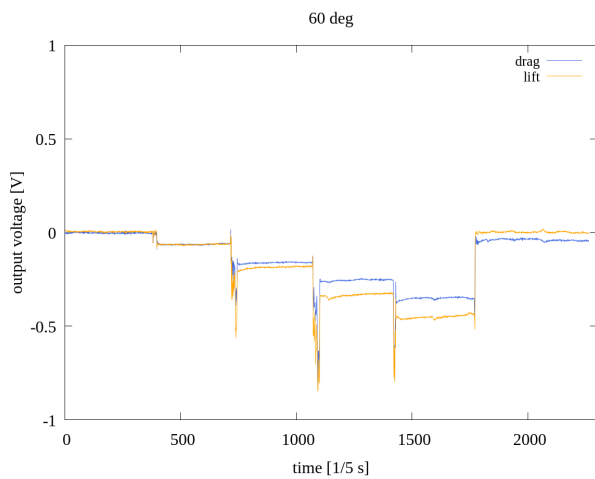Fig.9 Result of loadcell voltage

Fig.10 Result of strainsensor voltage
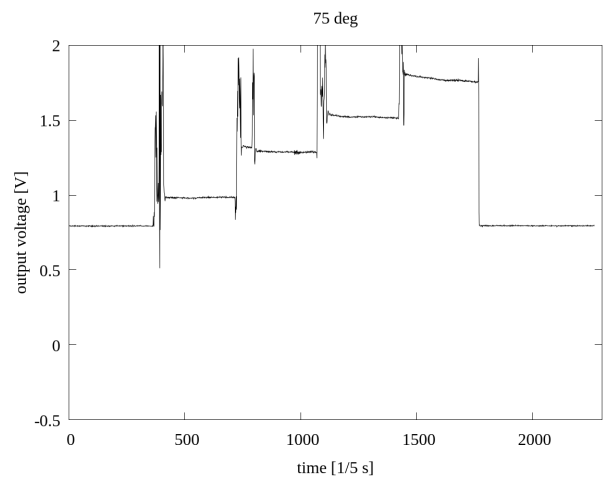
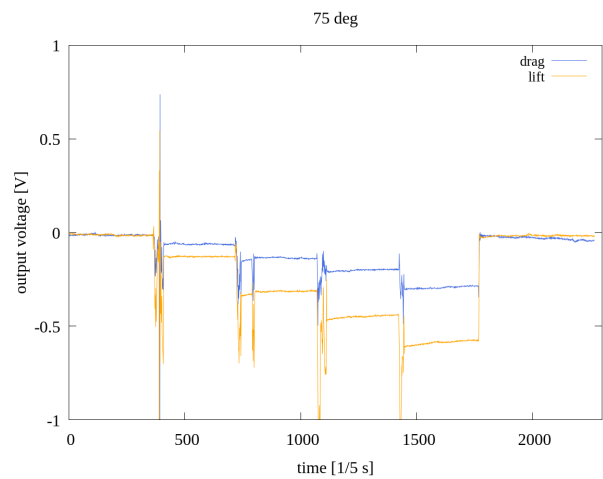## 1.6 75 deg

Fig.11 Result of loadcell voltage

Fig.12 Result of strainsensor voltage
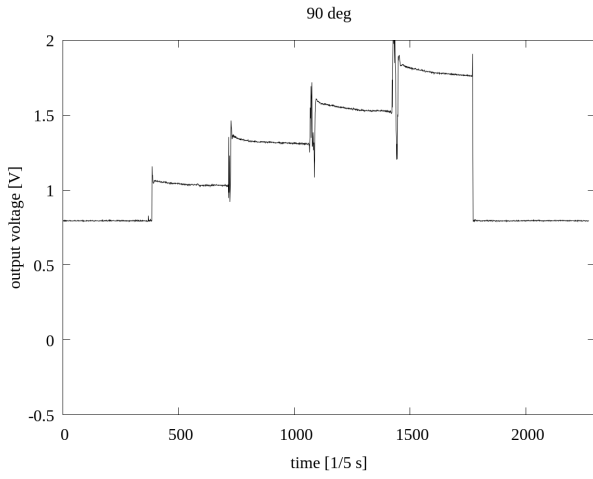
1.7 90 deg

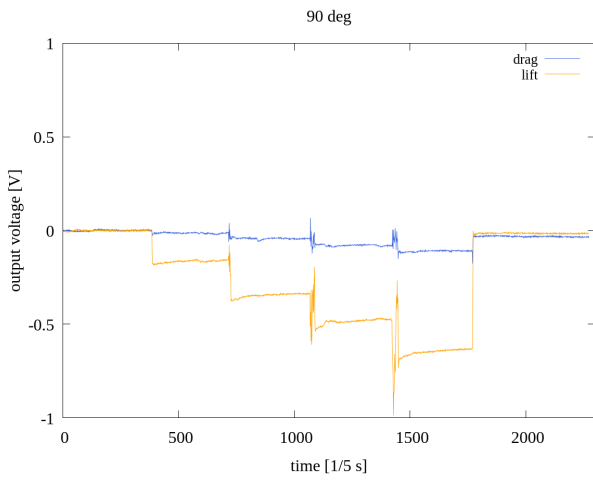
Fig.13 Result of loadcell voltage

Fig.14 Result of strainsensor voltage

2 Drift correction
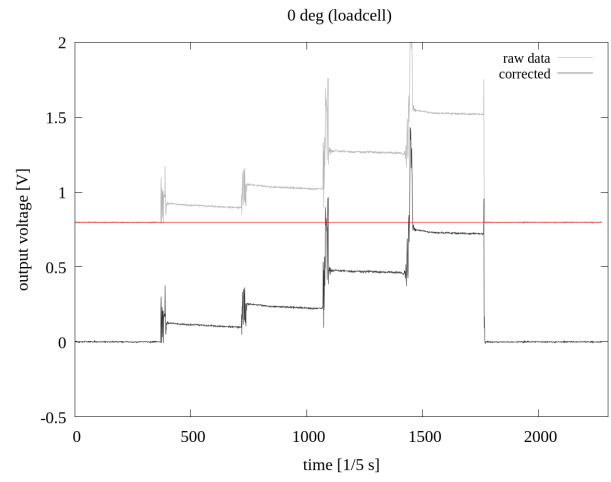
2.1 0 deg

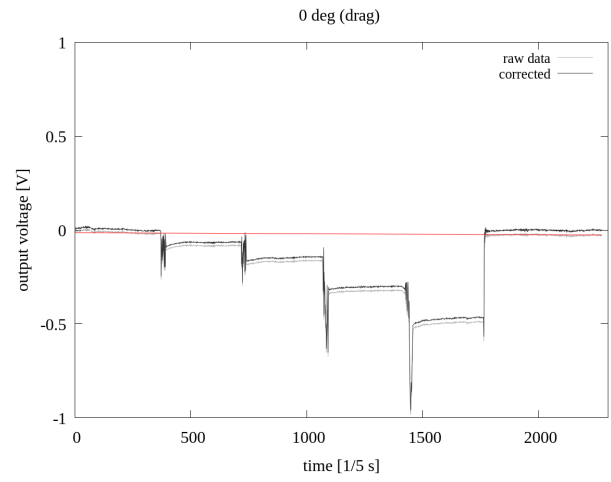Fig.15 Drift correction (loadcell)
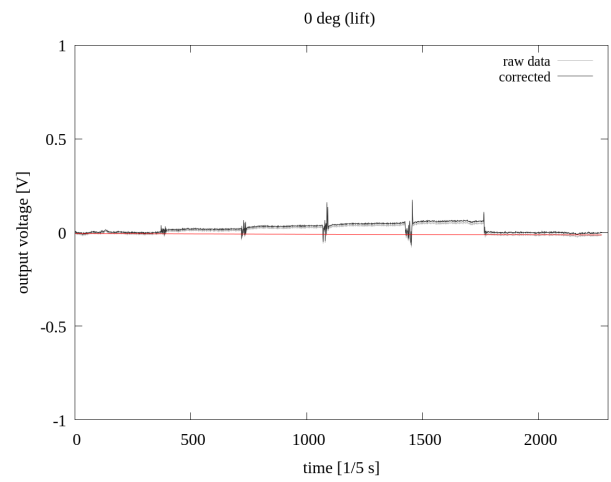

Fig.16 Drift correction (drag)

Fig.17 Drift correction (lift)
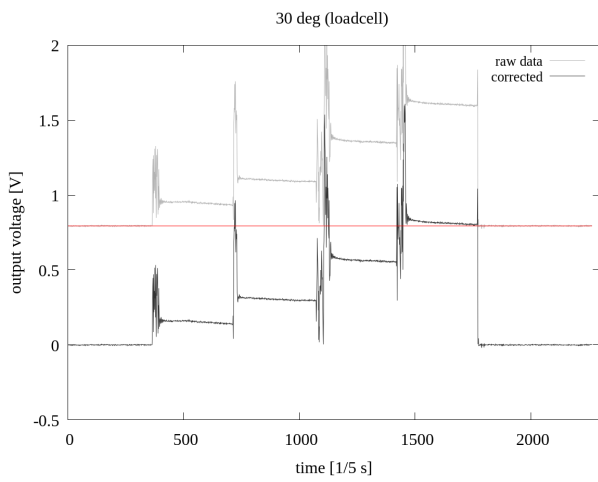
2.2 30 deg

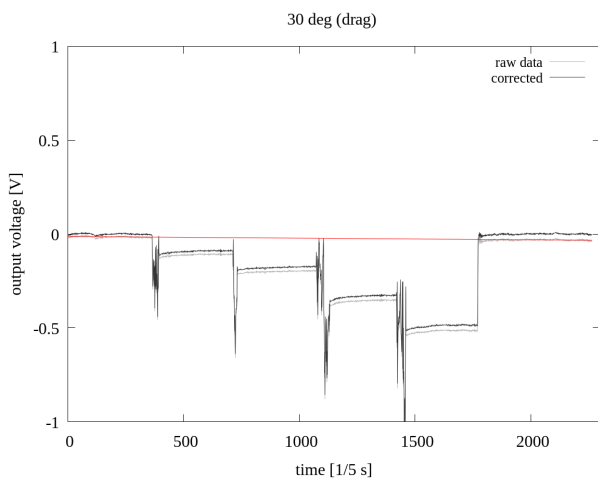Fig.18 Drift correction (loadcell)
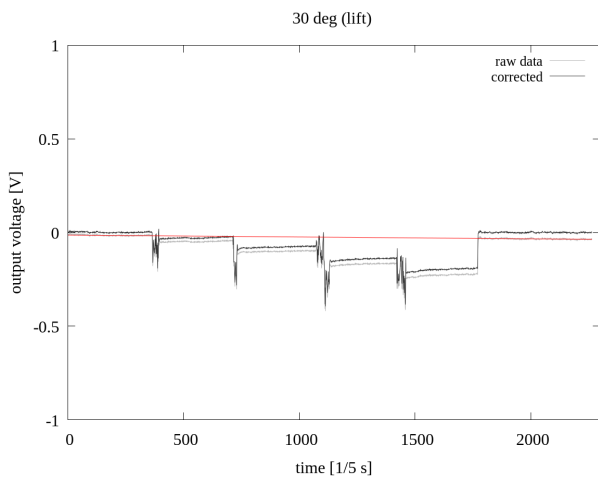

Fig.19 Drift correction (drag)

Fig.20 Drift correction (lift)
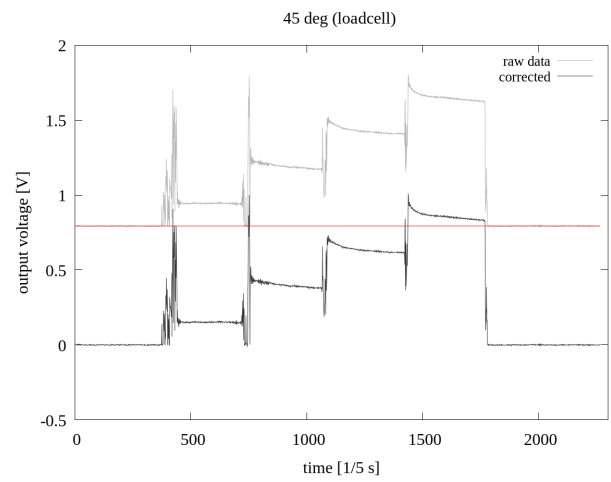
2.3 45 deg

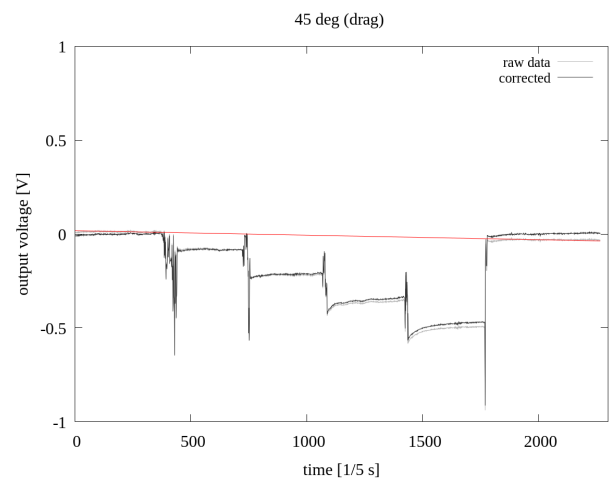Fig.21 Drift correction (loadcell)
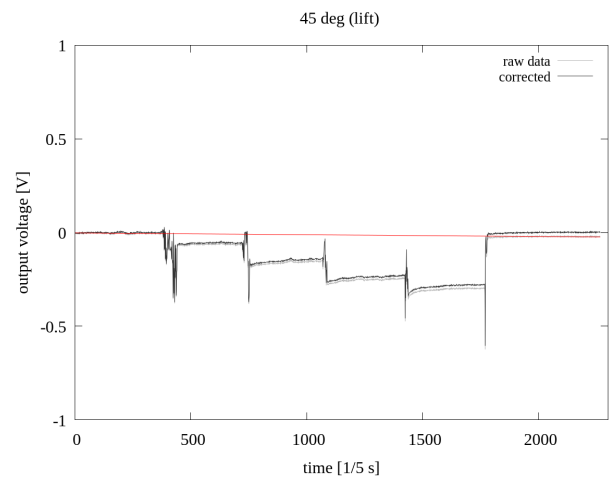

Fig.22 Drift correction (drag)

Fig.23 Drift correction (lift)
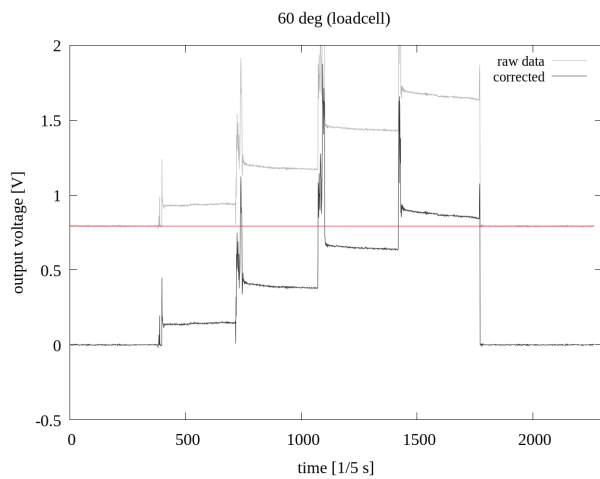
2.4   60 deg

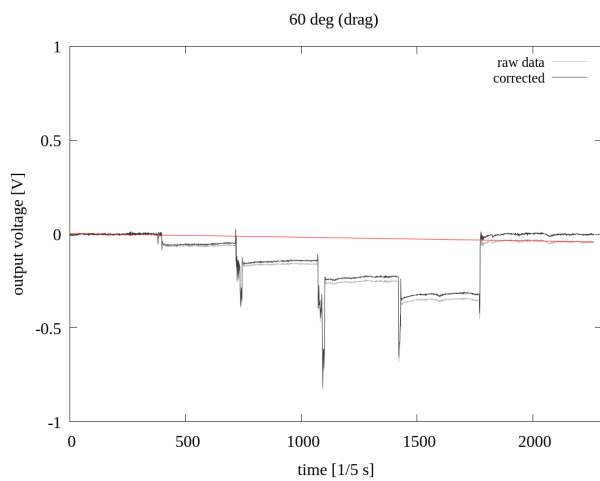Fig.24   Drift correction (loadcell)

Fig.25   Drift correction (drag)
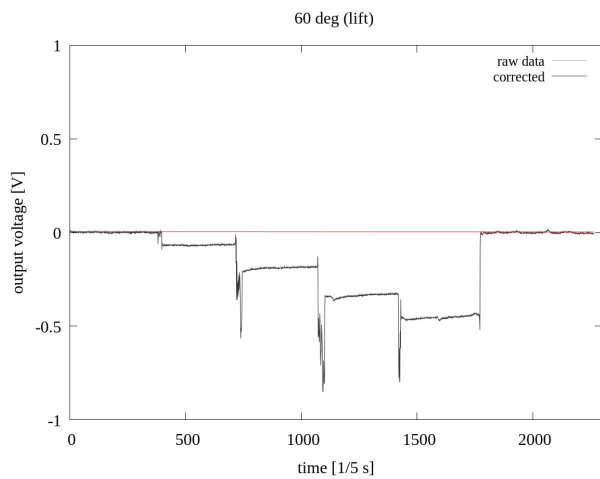

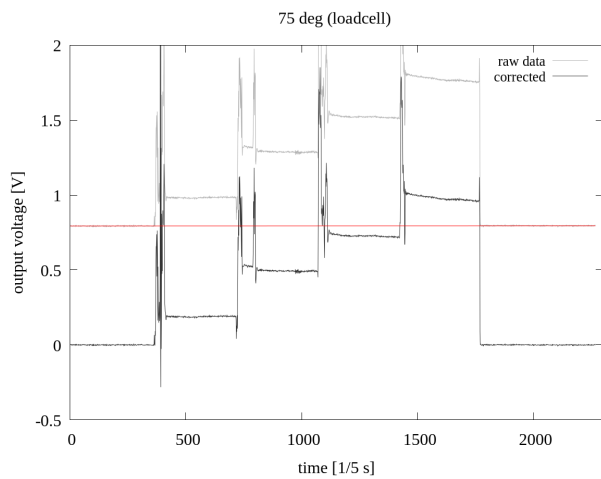Fig.26   Drift correction (lift)

2.5   75 deg

Fig.27   Drift correction (loadcell)
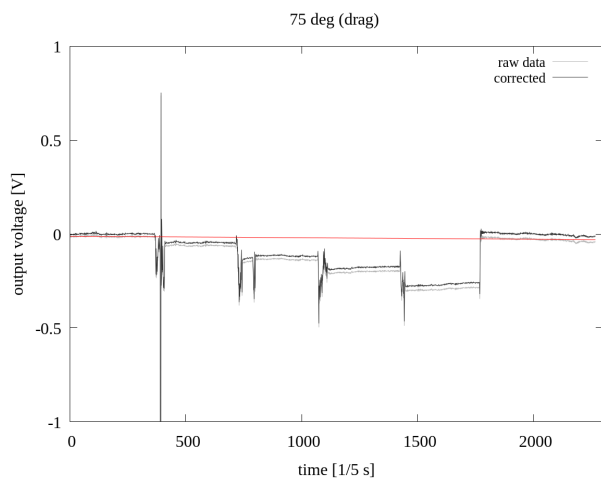

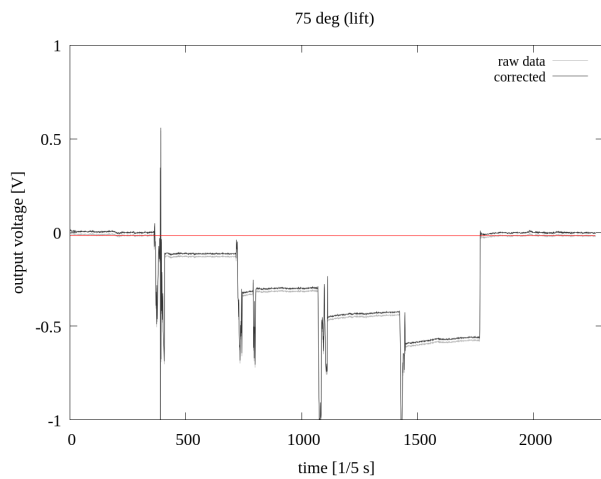Fig.28   Drift correction (drag)

Fig.29   Drift correction (lift)

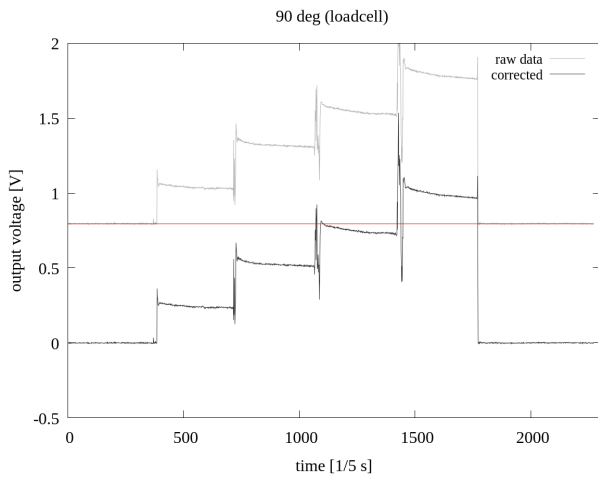## 2.6   90 deg

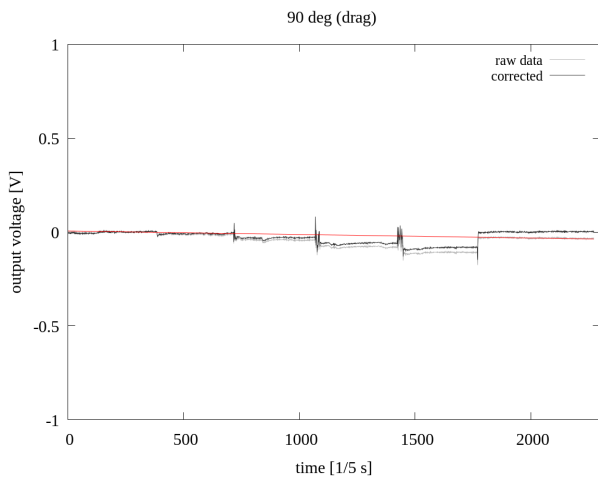Fig.30   Drift correction (loadcell)

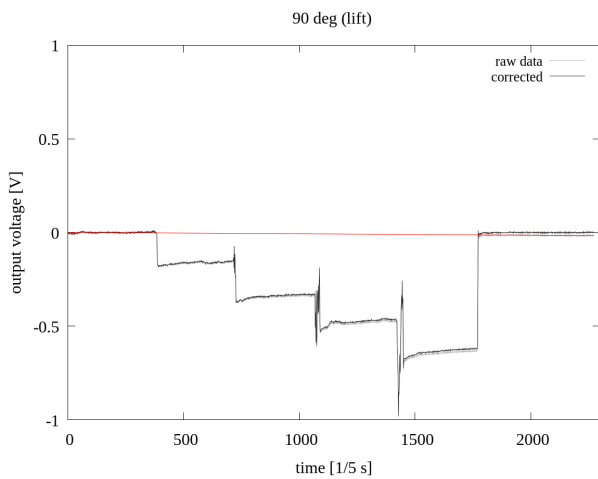Fig.31   Drift correction (drag)

Fig.32   Drift correction (lift)
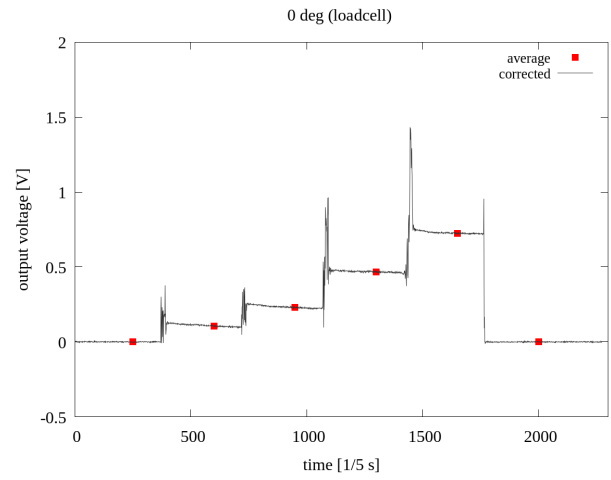
3   Average

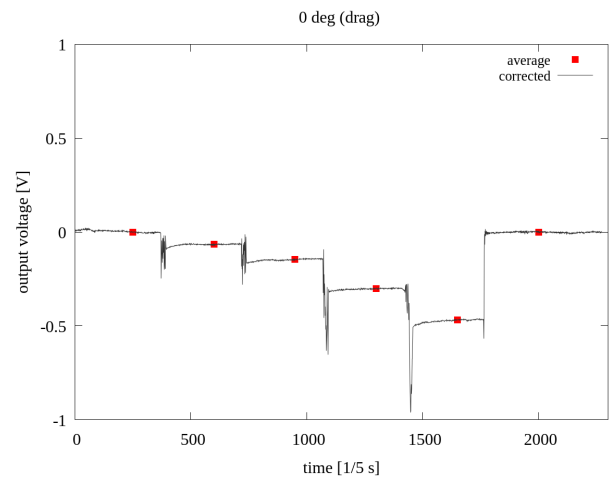## 3.1   0 deg

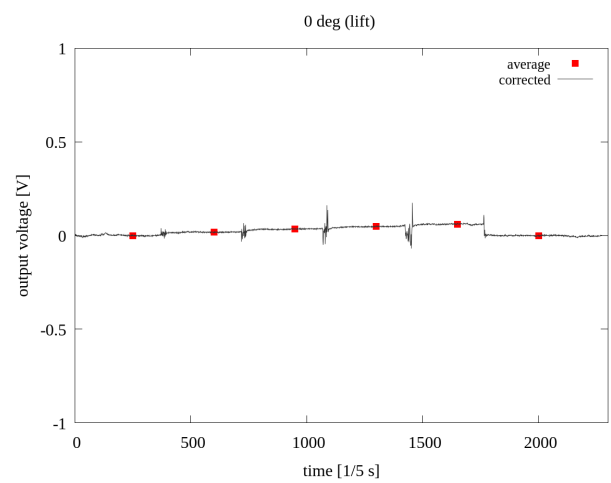Fig.33   Average (loadcell)

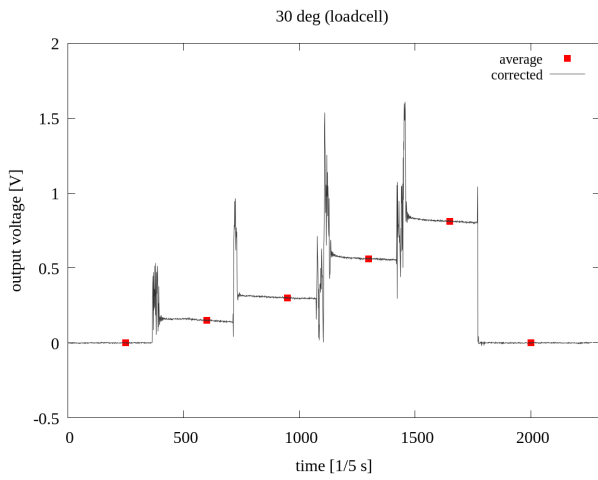Fig.34   Average (drag)

Fig.35   Average (lift)
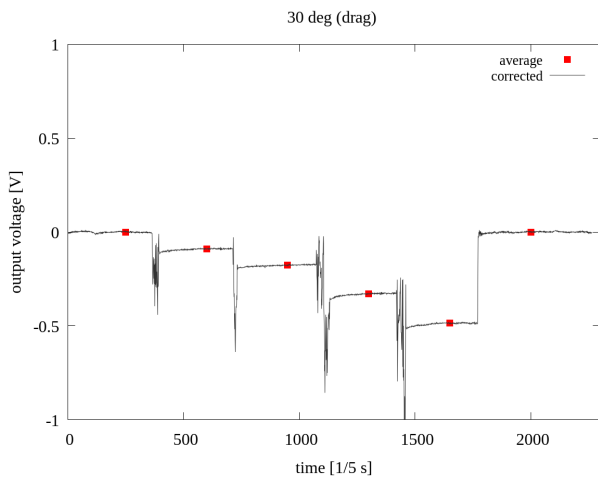
3.2   30 deg
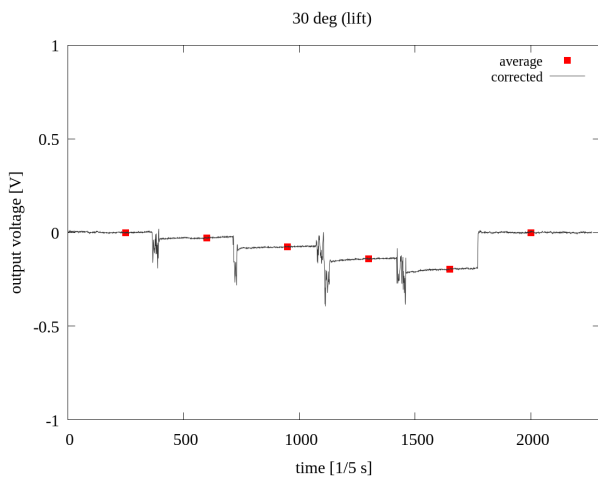

Fig.36   Average (loadcell)

Fig.37   Average (drag)

Fig.38   Average (lift)

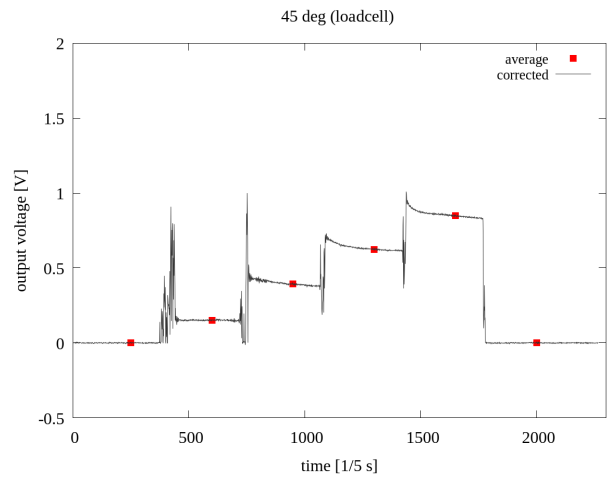## 3.3   45 deg

Fig.39   Average (loadcell)
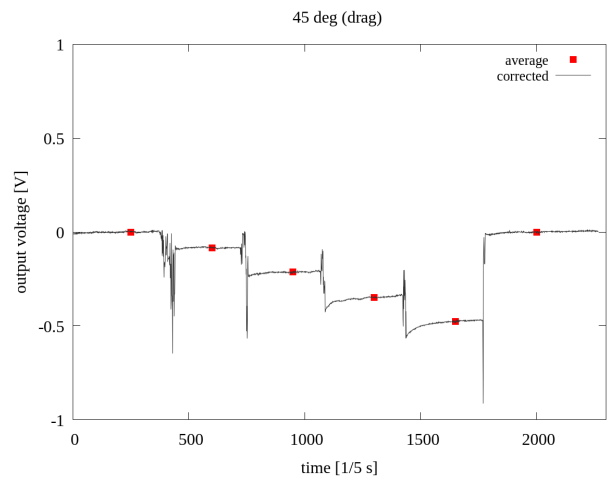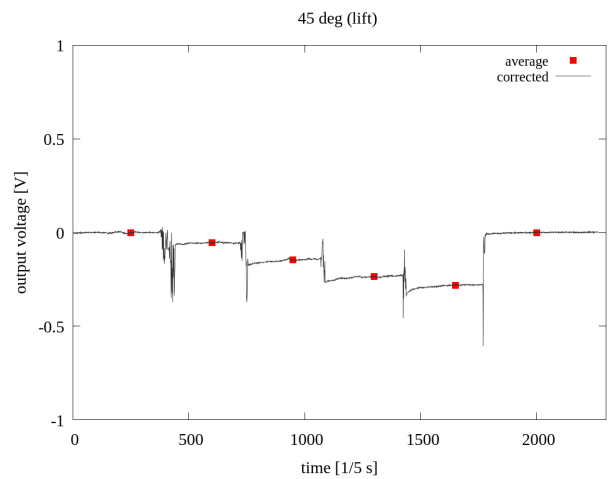

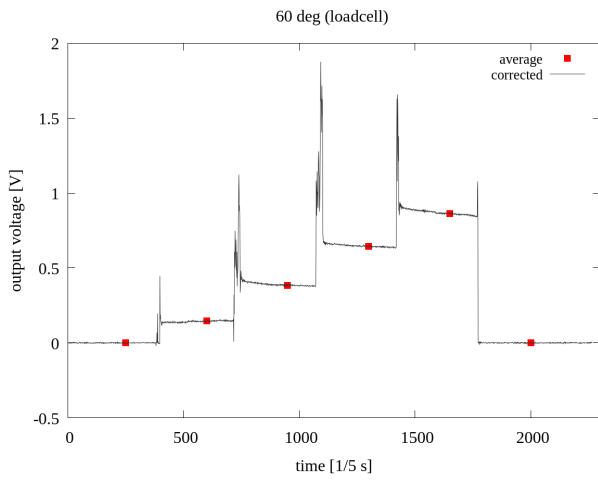Fig.40   Average (drag)

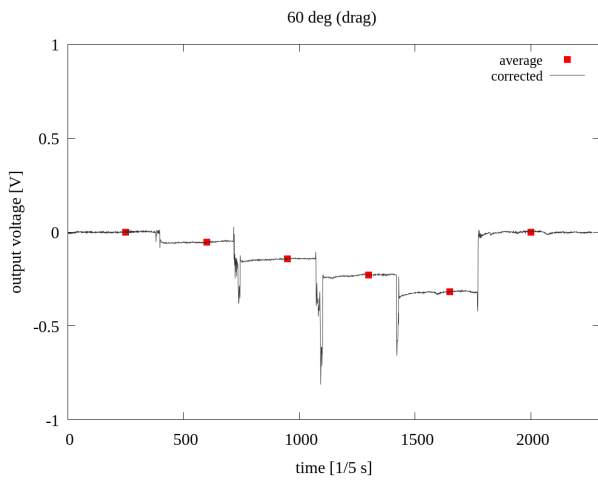Fig.41   Average (lift)

3.4 60 deg
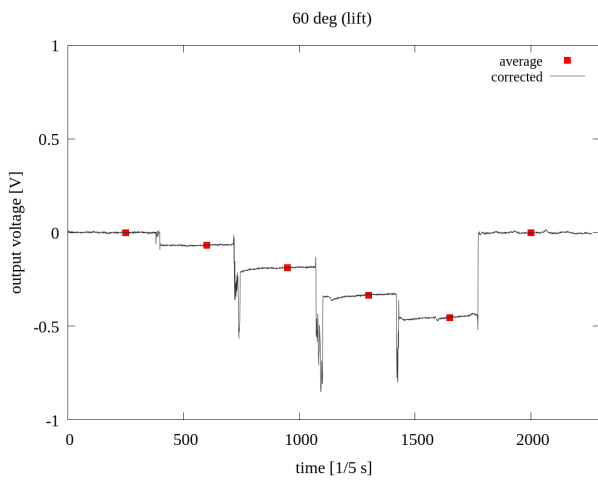

Fig.42 Average (loadcell)

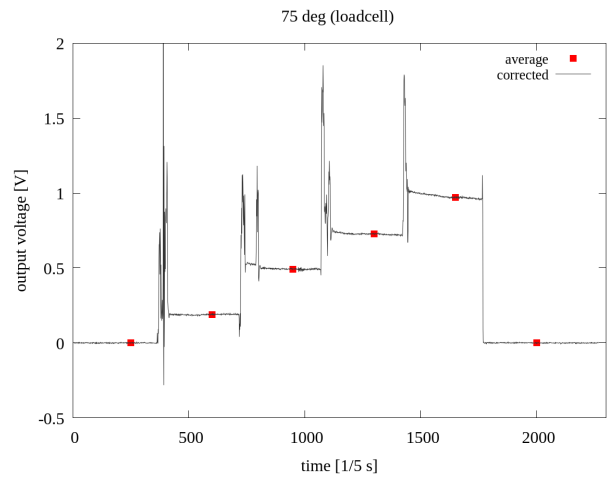Fig.43 Average (drag)

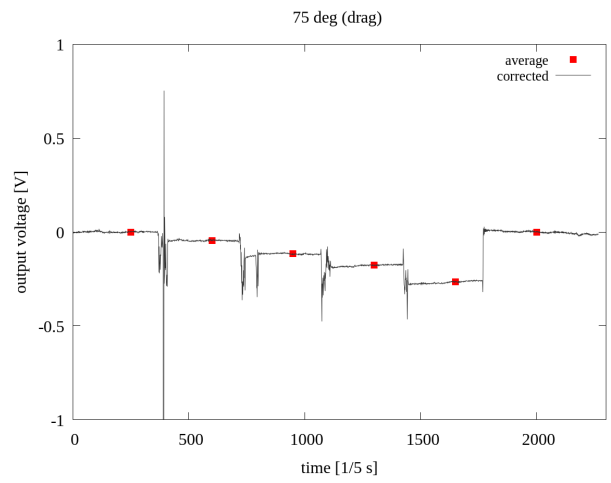Fig.44 Average (lift)

3.5 75 deg
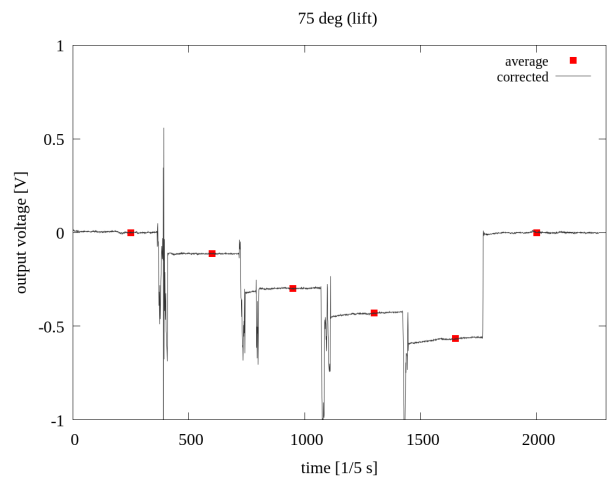

Fig.45 Average (loadcell)

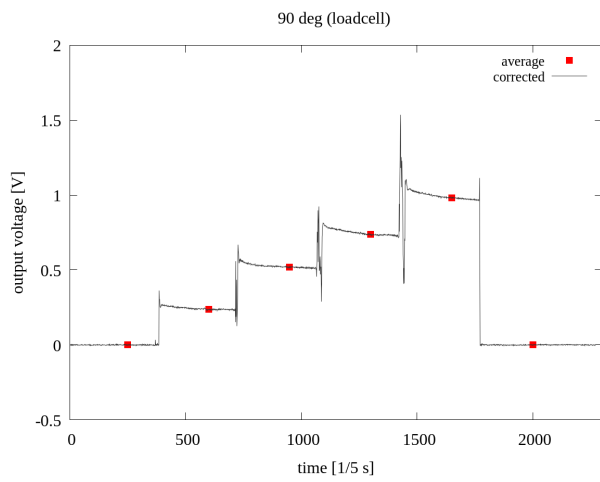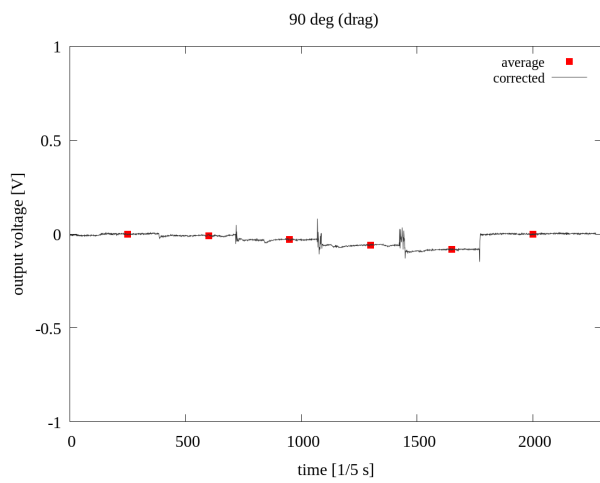Fig.46 Average (drag)

Fig.47 Average (lift)

3.6 90 deg
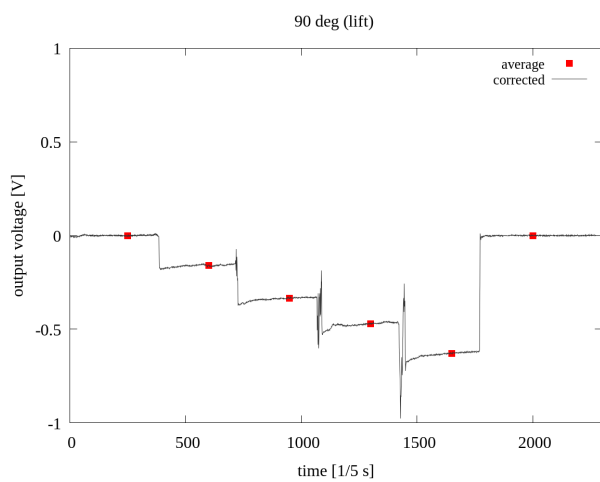

Fig.48　Average (loadcell)

Fig.49　Average (drag)

Fig.50　Average (lift)