

令和3年度12月第3週報告書

報告書 NO.08 - 2 2021/12/17 来代 勝胤

報告内容

1. 進捗状況
2. 模擬実験結果

1 進捗状況

今週は、引き続き模擬実験を行った。また、その実験結果のデータ処理を行った。

2 模擬実験結果

Table 1 Summary of root sum square value

Angle [deg]	Drag [V/V]	Lift [V/V]	Sqrt [V/V]
0	-0.648	0.084	0.654
15	-0.662	-0.080	0.667
30	-0.596	-0.246	0.644
45	-0.561	-0.346	0.659
60	-0.365	-0.525	0.639
75	-0.264	-0.587	0.643
90	-0.083	-0.638	0.643
105	0.116	-0.641	0.651
120	0.276	-0.596	0.656
135	0.395	-0.521	0.653
150	0.527	-0.407	0.666
165	0.607	-0.259	0.660
180	0.639	-0.148	0.656
195	0.639	0.095	0.646
210	0.583	0.261	0.639
225	0.543	0.357	0.650
240	0.393	0.507	0.641
255	0.255	0.580	0.633
270	0.077	0.631	0.636
285	-0.117	0.634	0.645
300	-0.282	0.585	0.649
315	-0.423	0.481	0.640
330	-0.512	0.386	0.641
345	-0.609	0.220	0.648

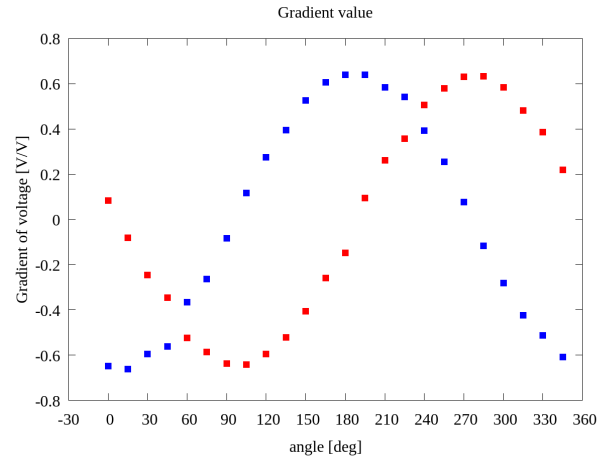


Fig.1 Summary of gradient value

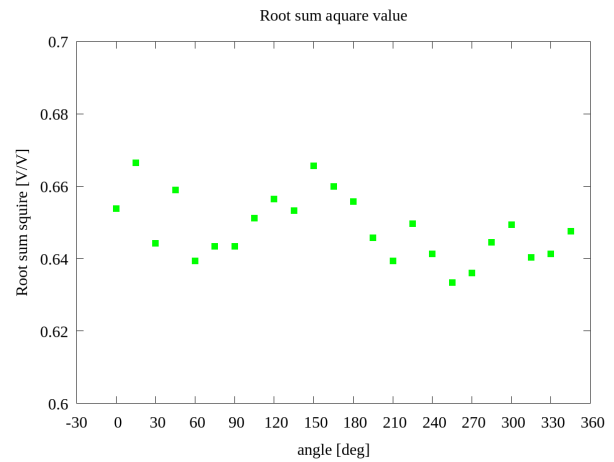


Fig.2 Summary of root sum square value

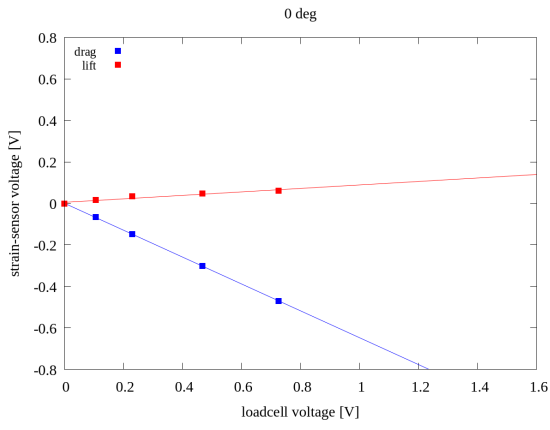


Fig.3 Result of 0 deg

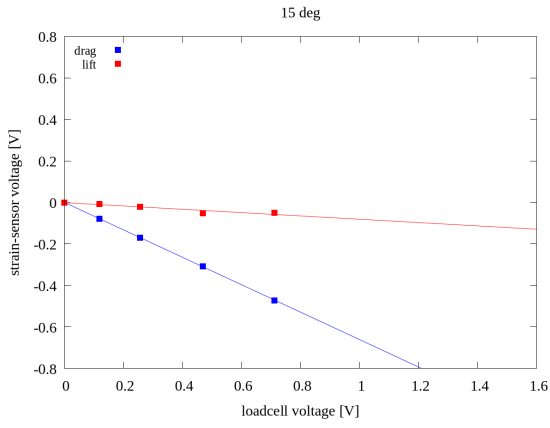


Fig.4 Result of 15 deg

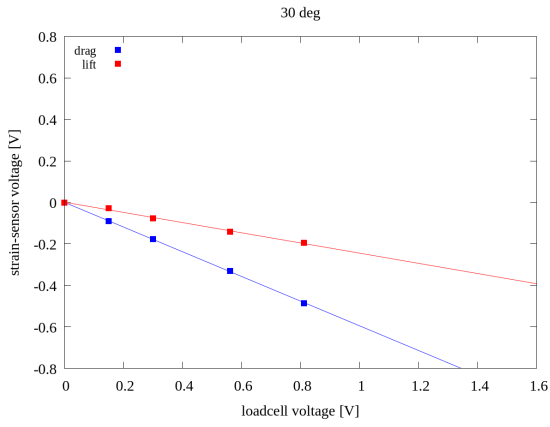


Fig.5 Result of 30 deg

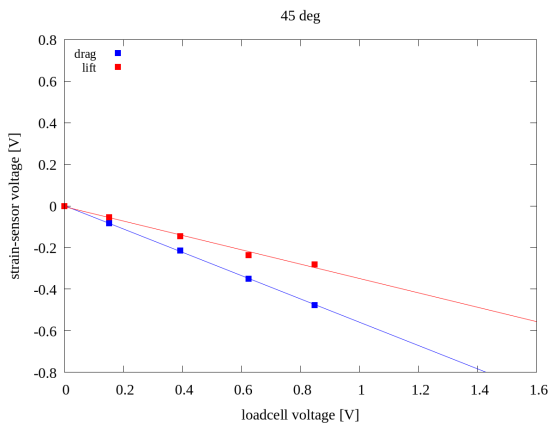


Fig.6 Result of 45 deg

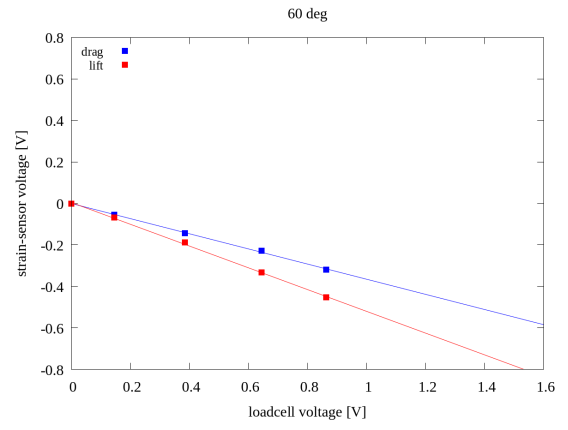


Fig.7 Result of 60 deg

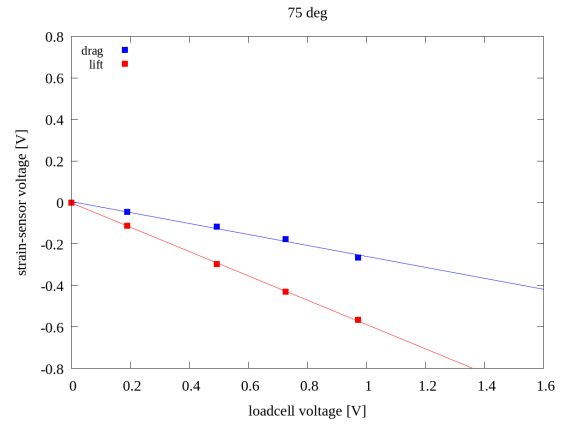


Fig.8 Result of 75 deg

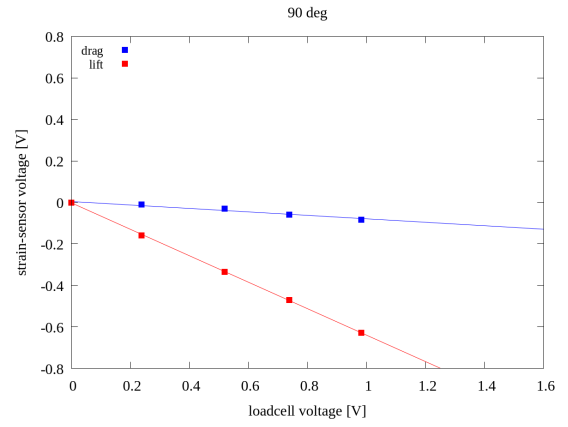


Fig.9 Result of 90 deg

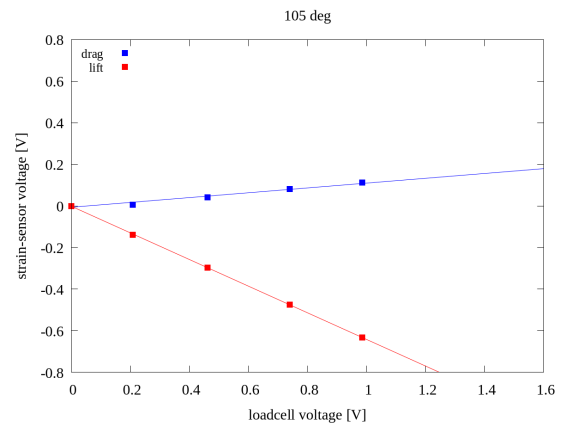


Fig.10 Result of 105 deg

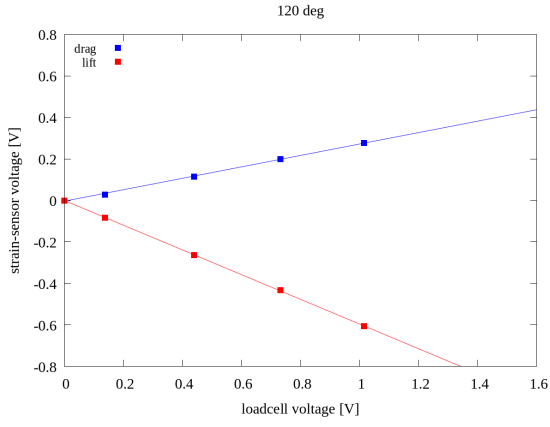


Fig.11 Result of 120 deg

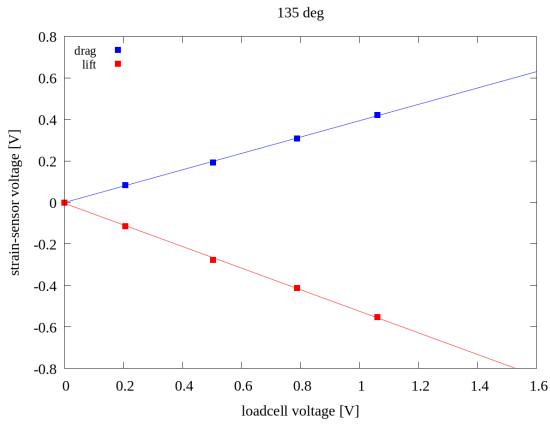


Fig.12 Result of 135 deg

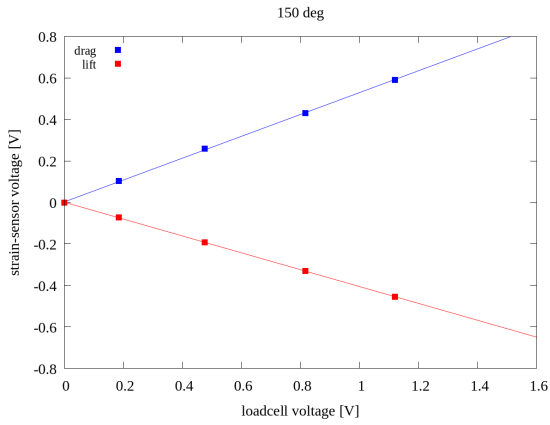


Fig.13 Result of 150 deg

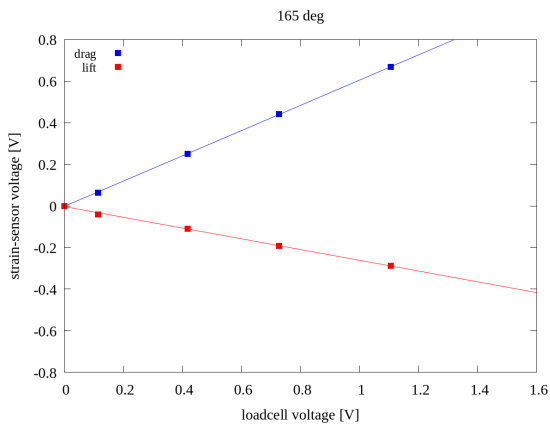


Fig.14 Result of 165 deg

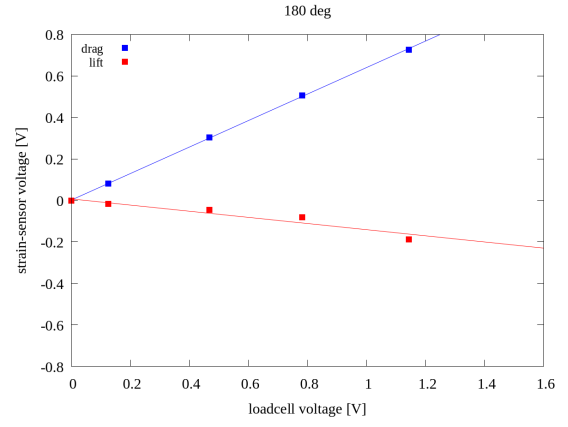


Fig.15 Result of 180 deg

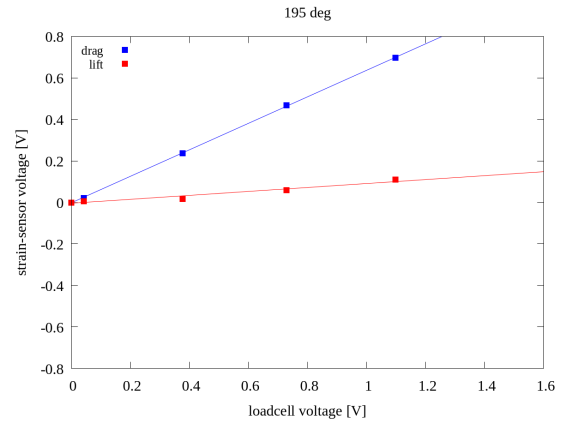


Fig.16 Result of 195 deg

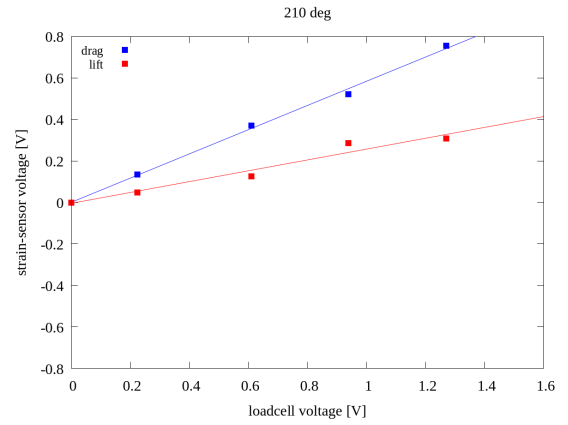


Fig.17 Result of 210 deg

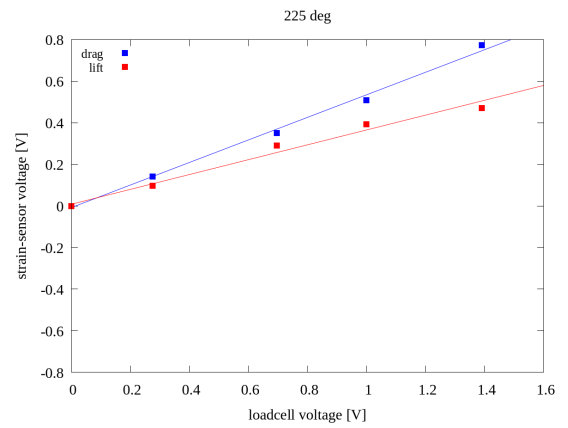


Fig.18 Result of 225 deg

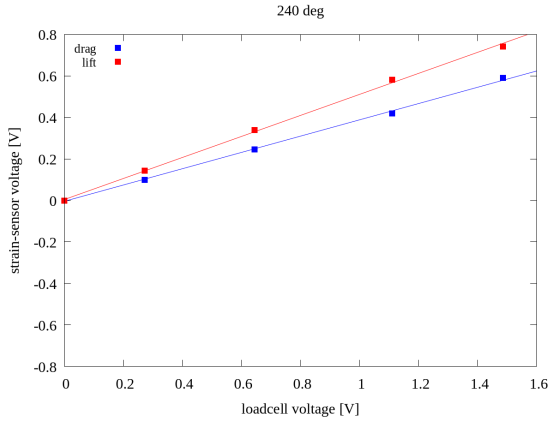


Fig.19 Result of 240 deg

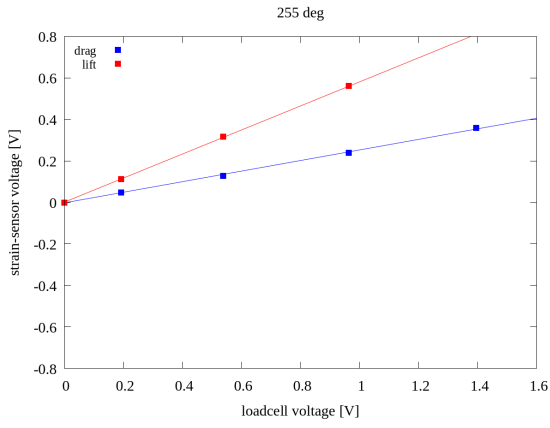


Fig.20 Result of 255 deg

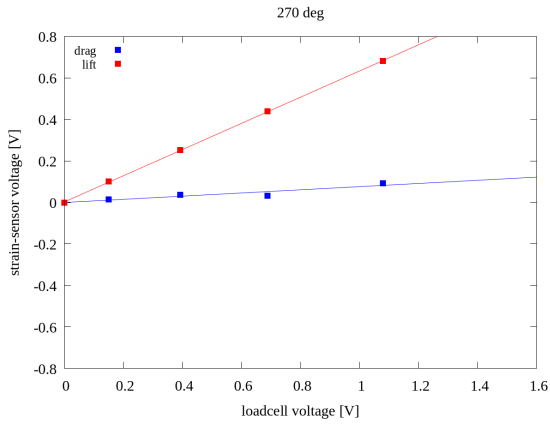


Fig.21 Result of 270 deg

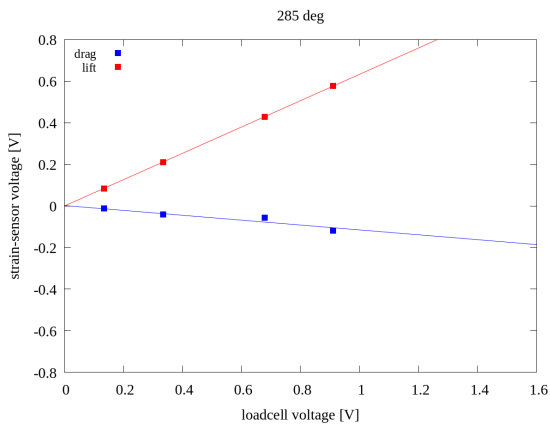


Fig.22 Result of 285 deg

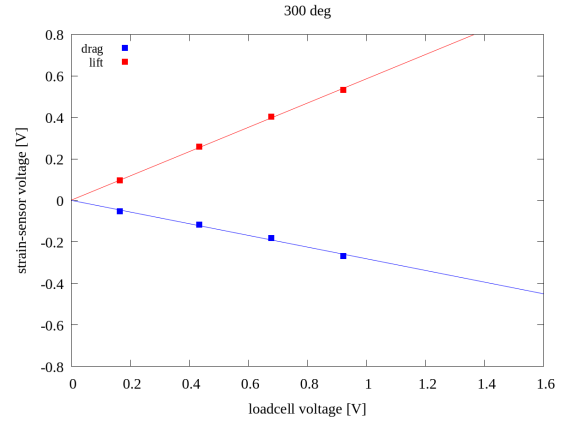


Fig.23 Result of 300 deg

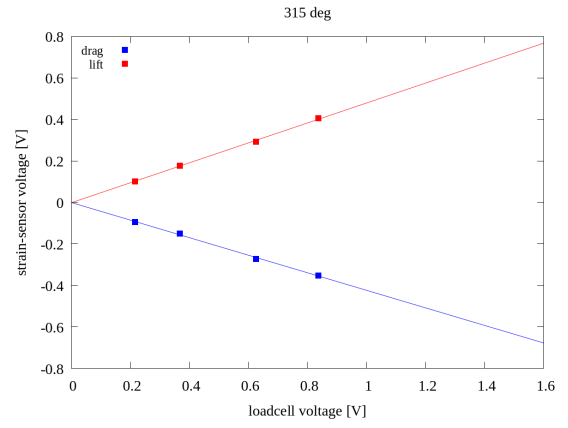


Fig.24 Result of 315 deg

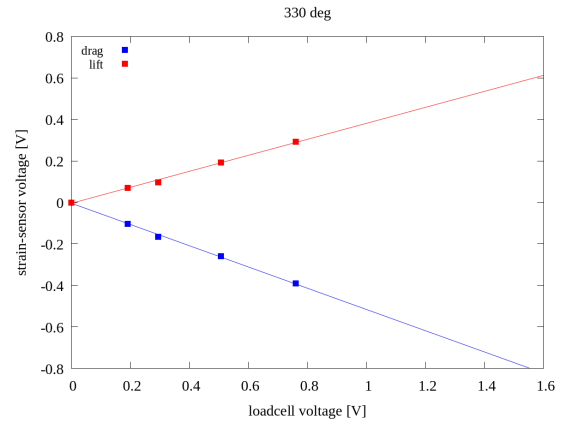


Fig.25 Result of 330 deg

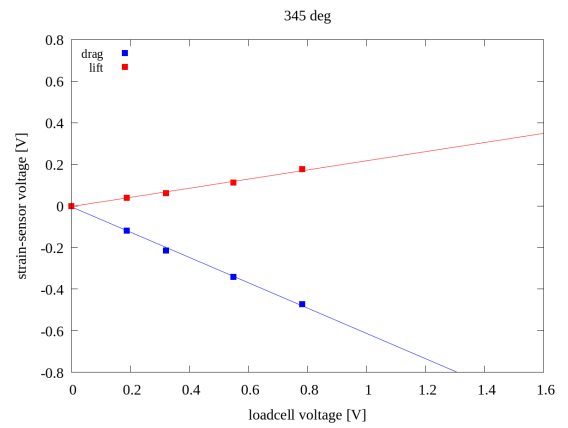


Fig.26 Result of 345 deg