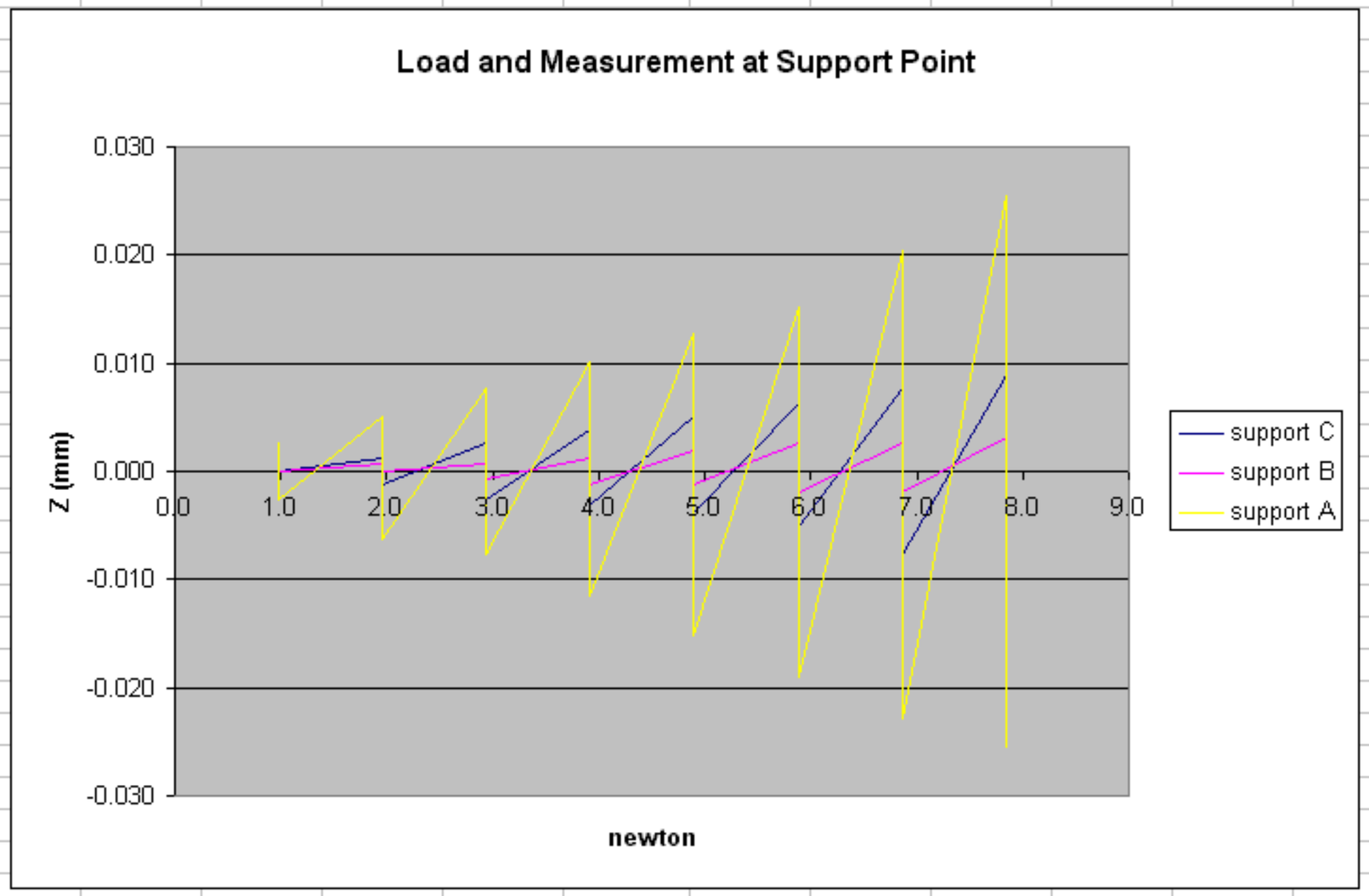
			LOAD	observation			LOAD	observation			LOAD	observation		
grams	newton	vector	location	location	Z (in)	Z (mm)	location	location	Z (in)	Z (mm)	location	location	Z (in)	Z (mm)
100	1.0	Z+	C	C	0.00000	0.000	B	B	0.00000	0.000	A	A	0.00010	0.003
100	1.0	Z-	C	C	0.00000	0.000	B	B	0.00000	0.000	A	A	-0.00010	-0.003
200	2.0	Z+	C	C	0.00005	0.001	B	B	0.00003	0.001	A	A	0.00020	0.005
200	2.0	Z-	C	C	-0.00005	-0.001	B	B	0.00000	0.000	A	A	-0.00025	-0.006
300	2.9	Z+	C	C	0.00010	0.003	B	B	0.00003	0.001	A	A	0.00030	0.008
300	2.9	Z-	C	C	-0.00010	-0.003	B	B	-0.00003	-0.001	A	A	-0.00030	-0.008
400	3.9	Z+	C	C	0.00015	0.004	B	B	0.00005	0.001	A	A	0.00040	0.010
400	3.9	Z-	C	C	-0.00013	-0.003	B	B	-0.00005	-0.001	A	A	-0.00045	-0.011
500	4.9	Z+	C	C	0.00020	0.005	B	B	0.00008	0.002	A	A	0.00050	0.013
500	4.9	Z-	C	C	-0.00015	-0.004	B	B	-0.00005	-0.001	A	A	-0.00060	-0.015
600	5.9	Z+	C	C	0.00025	0.006	B	B	0.00010	0.003	A	A	0.00060	0.015
600	5.9	Z-	C	C	-0.00020	-0.005	B	B	-0.00008	-0.002	A	A	-0.00075	-0.019
700	6.9	Z+	C	C	0.00030	0.008	B	B	0.00010	0.003	A	A	0.00080	0.020
700	6.9	Z-	C	C	-0.00030	-0.008	B	B	-0.00008	-0.002	A	A	-0.00090	-0.023
800	7.8	Z+	C	C	0.00035	0.009	B	B	0.00013	0.003	A	A	0.00100	0.025
800	7.8	Z-	C	C	-0.00035	-0.009	B	B	-0.00010	-0.003	A	A	-0.00101	-0.026

vector	newton	support C	support B	support A
Z+	1.0	0.000	0.000	0.003
Z-	1.0	0.000	0.000	-0.003
Z+	2.0	0.001	0.001	0.005
Z-	2.0	-0.001	0.000	-0.006
Z+	2.9	0.003	0.001	0.008
Z-	2.9	-0.003	-0.001	-0.008
Z+	3.9	0.004	0.001	0.010
Z-	3.9	-0.003	-0.001	-0.011
Z+	4.9	0.005	0.002	0.013
Z-	4.9	-0.004	-0.001	-0.015
Z+	5.9	0.006	0.003	0.015
Z-	5.9	-0.005	-0.002	-0.019
Z+	6.9	0.008	0.003	0.020
Z-	6.9	-0.008	-0.002	-0.023
Z+	7.8	0.009	0.003	0.025
Z-	7.8	-0.009	-0.003	-0.026