

Remarks: See § 7.2, pages 488 to 504

Answer 7.37: 1:

a,b)

Member	Sign	ΔL (mm)
1	-	-2
2	0	0
3	-	-2
4	+	$2\sqrt{2}$
5	-	-2
6	-	-2
7	+	$2\sqrt{2}$
8	+	2
9	0	0
10	+	2
11	-	$-2\sqrt{2}$

d)

Joint	u_x (mm)	u_y (mm)
A	0	0
B	0	0
C	8	-4
D	-4	-20
E	-2	-2
G	10	-20
H	12	-40

Remarks: See § 7.2, pages 488 to 504

Answer 7.37: 2:

a,b)

Member	Sign	ΔL (mm)
1	-	-2
2	+	$2\sqrt{2}$
3	-	-2
4	+	$2\sqrt{2}$
5	-	-2
6	-	-2
7	+	$2\sqrt{2}$
8	+	2
9	0	0
10	+	2
11	-	$-2\sqrt{2}$

d)

Joint	u_x (mm)	u_y (mm)
A	0	0
B	0	4
C	12	-4
D	-4	-24
E	-2	-2
G	14	-24
H	16	-48