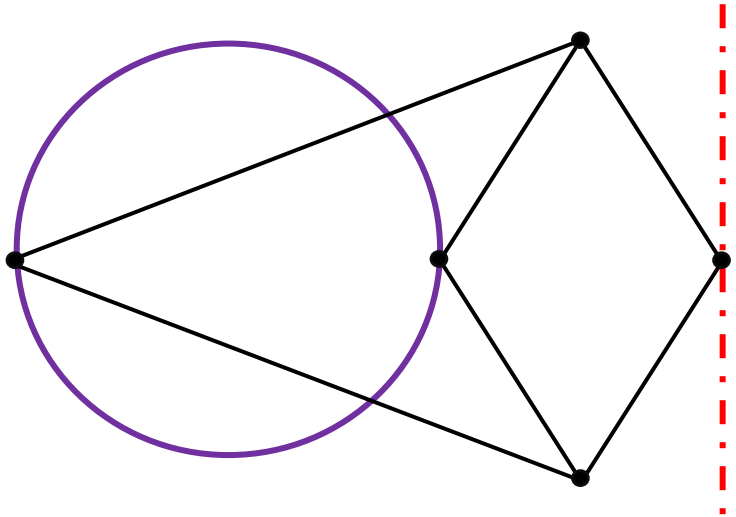
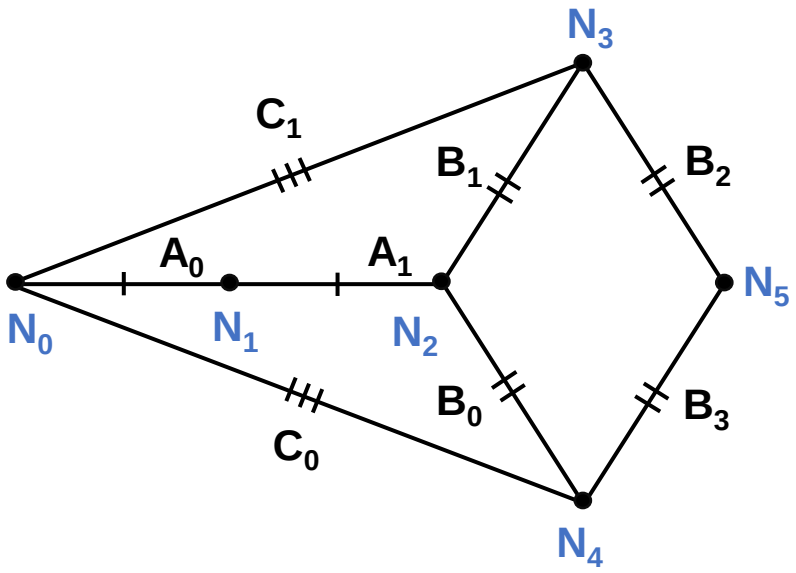
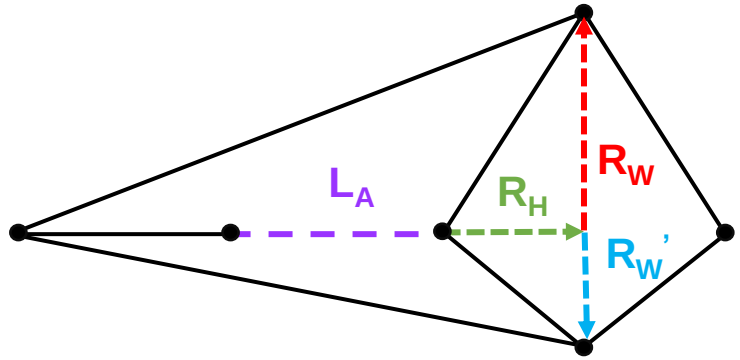
A)

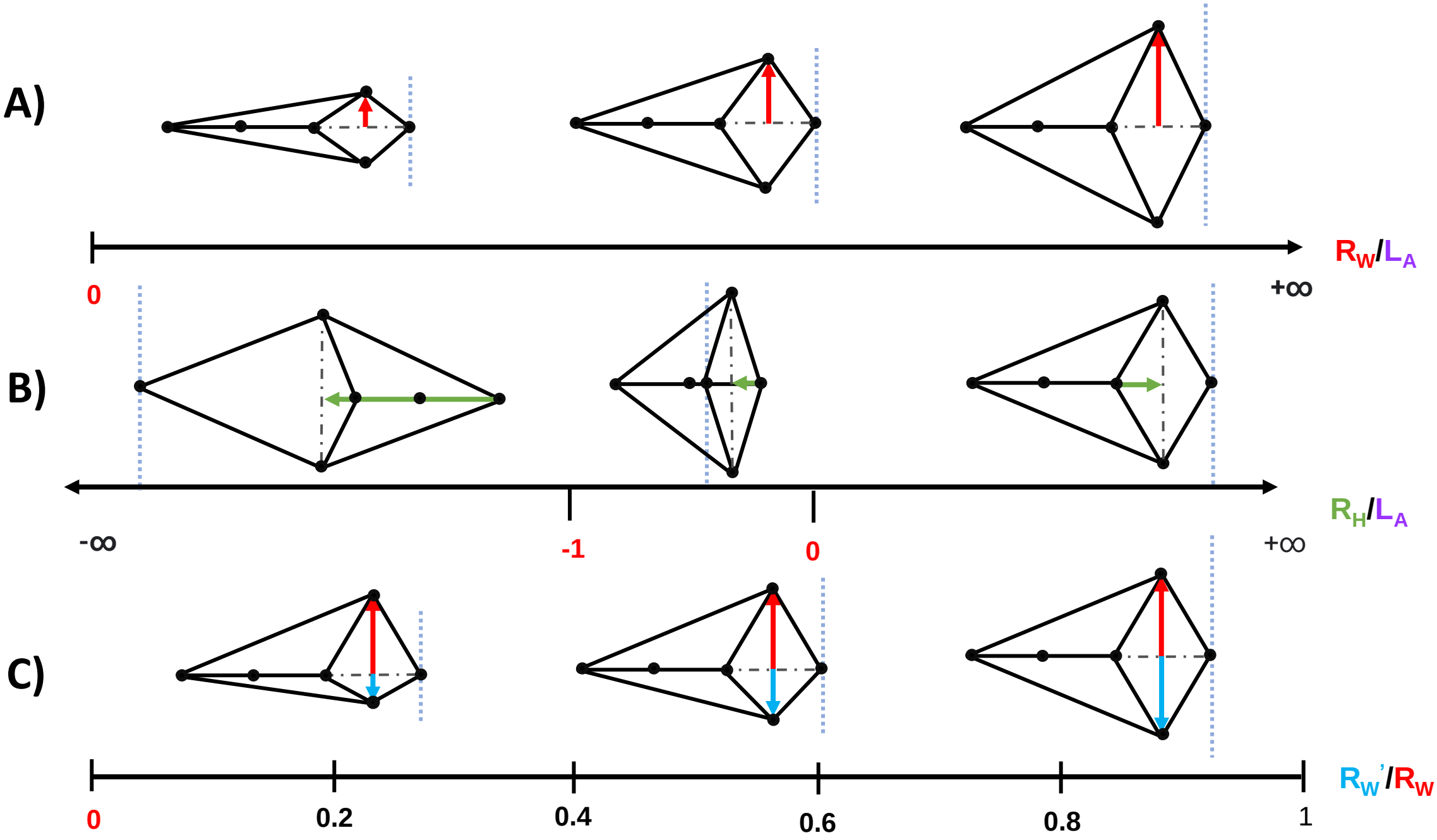


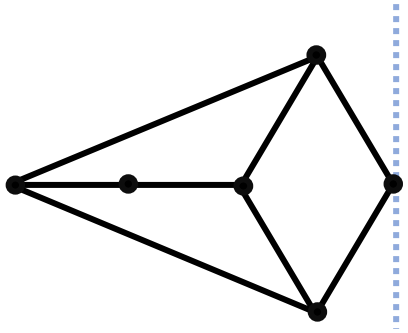
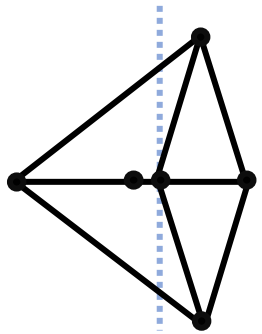
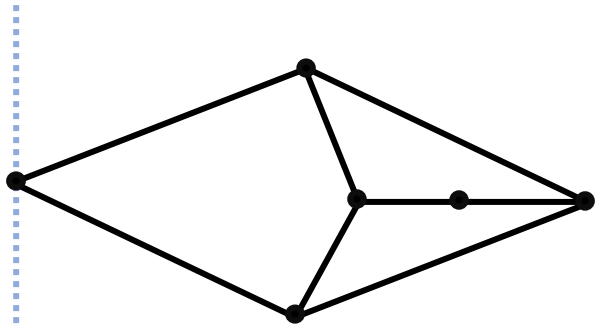
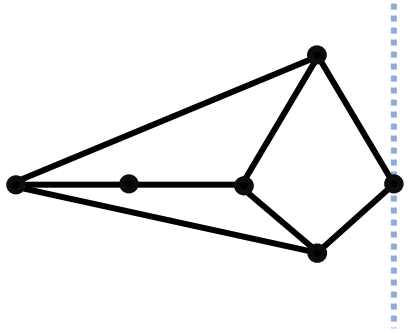
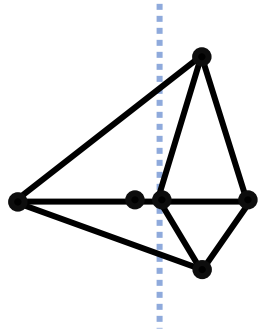
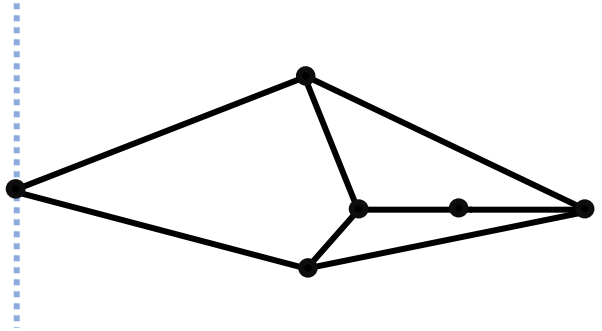
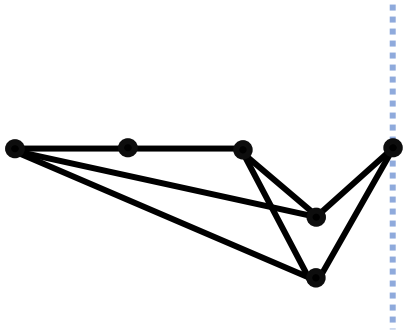
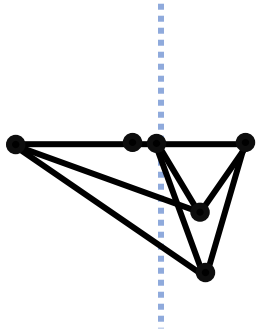
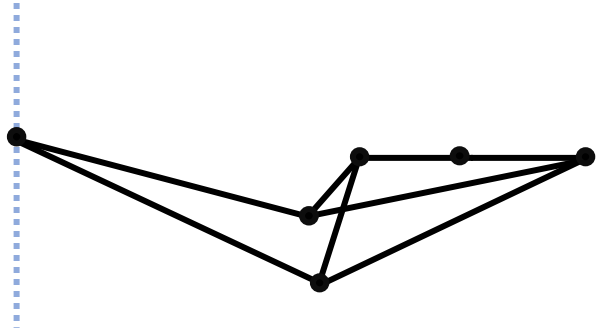
B)

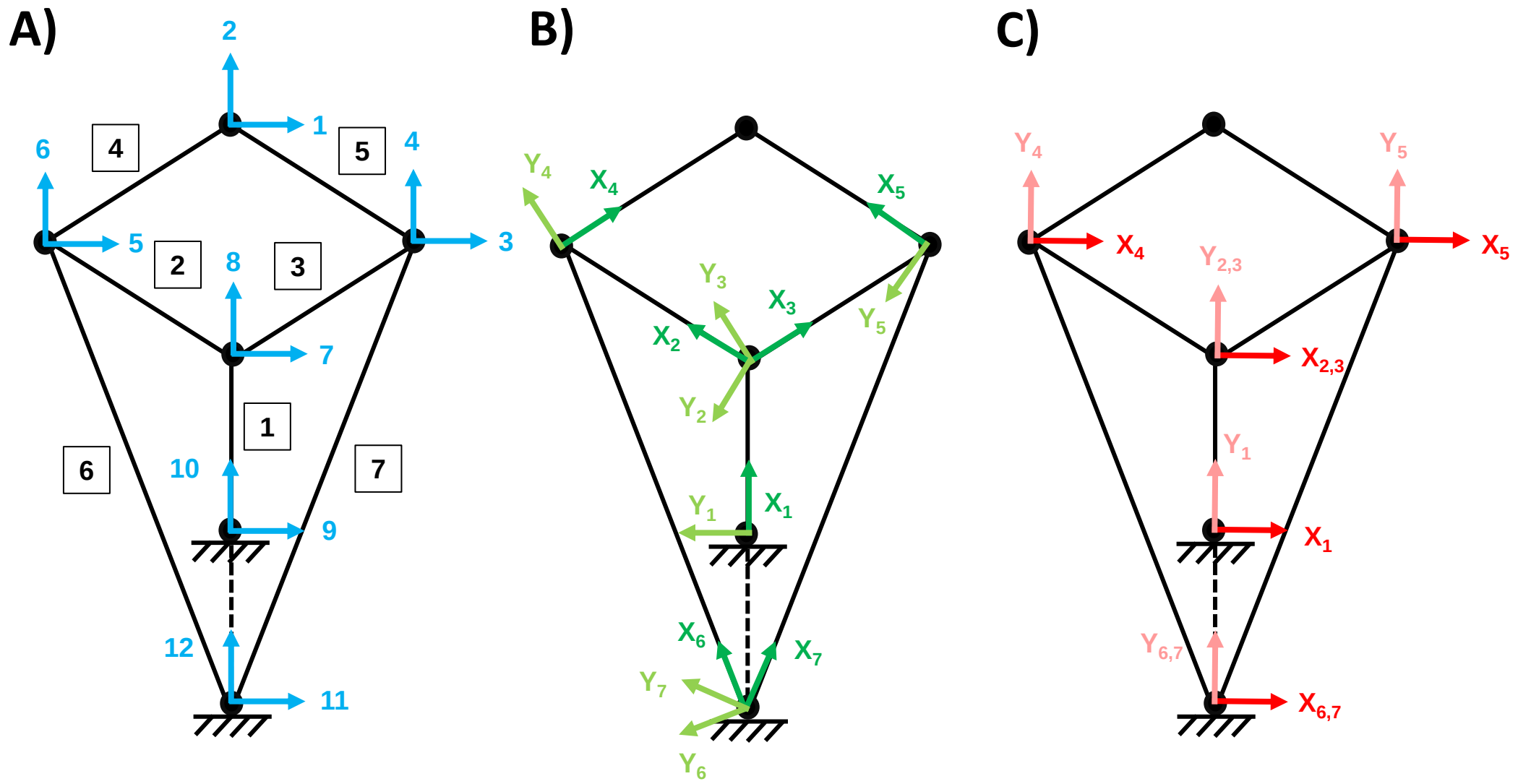


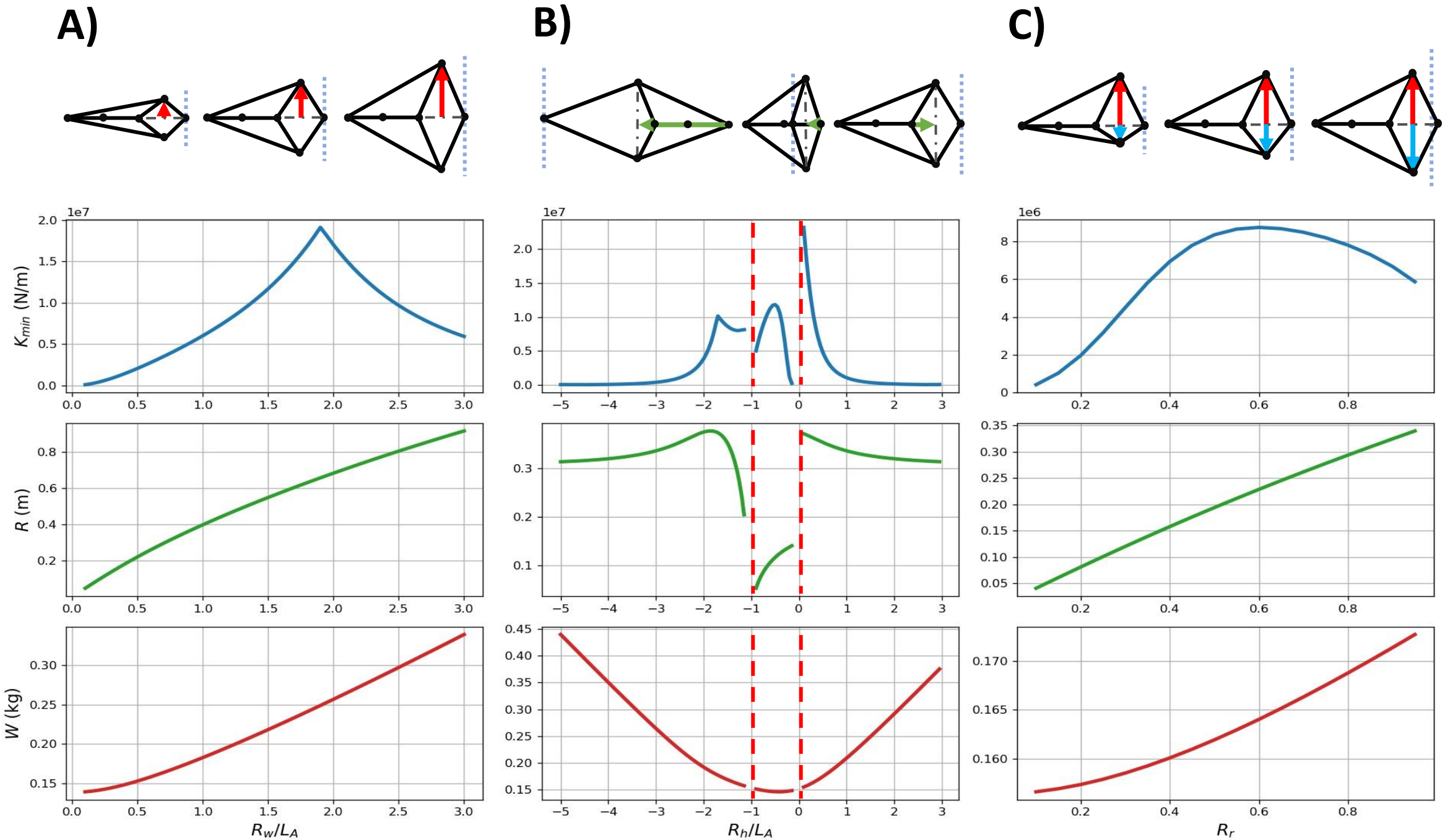
C)

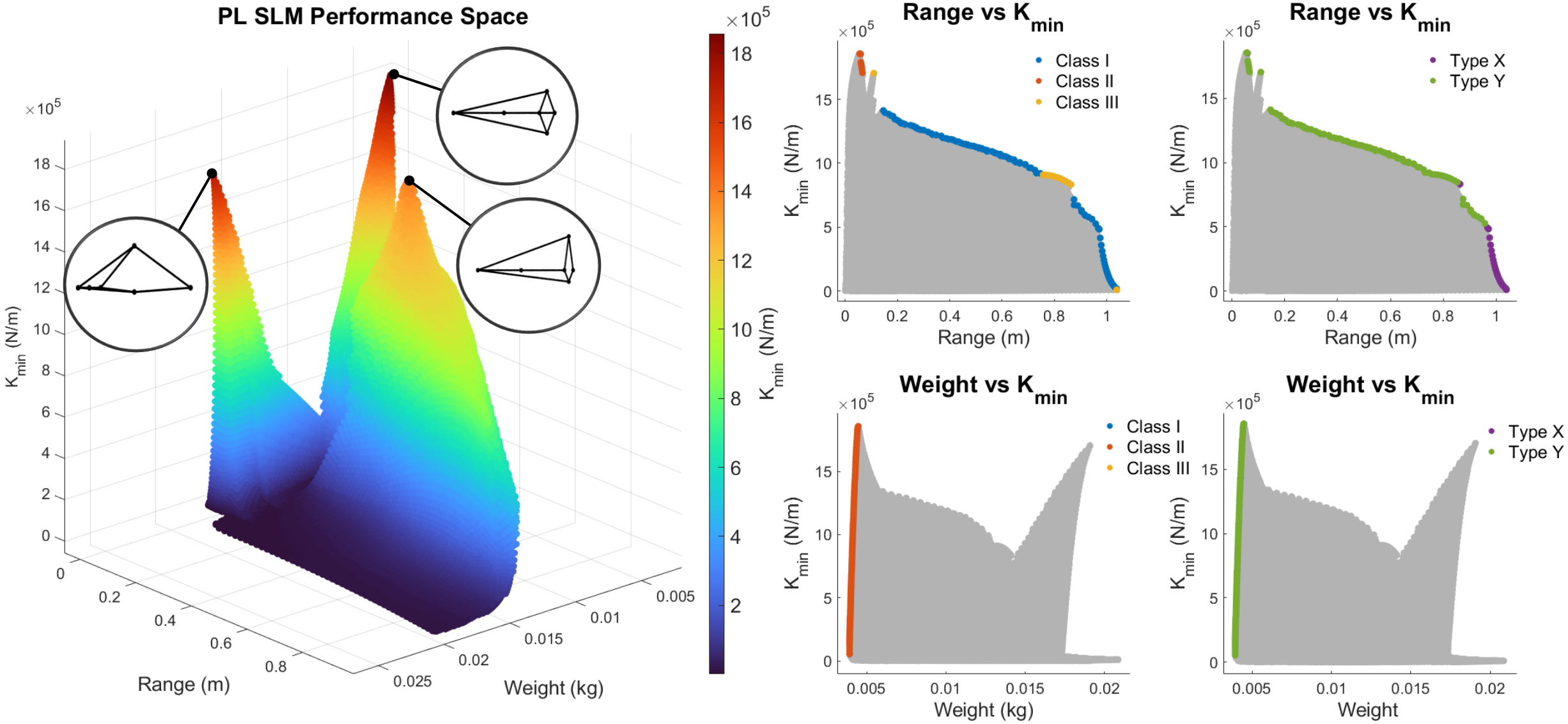



A)
0
+∞
R_W/L_A
B)
-∞
-1
0
+∞
R_H/L_A
C)
0
0.2
0.4
0.6
0.8
1
R_W'/R_W

	Type I $-R_W/L_A > 0$	Type II $-1 < R_W/L_A < 0$	Type III $R_W/L_A < -1$
Group X $R_H'/R_H = 1$ R_F = False			
Group Y $R_H'/R_H < 1$ R_F = False			
Group Z $R_H'/R_H < 1$ R_F = True			


A)
2
1
6
4
5
4
5
2
8
3
3
7
1
6
10
7
9
12
11
B)
Y4
X4
X5
Y3
X3
X2
Y5
Y2
Y1
X1
X6
X7
Y7
Y6
C)
Y4
Y5
X4
Y2,3
X5
X2,3
Y1
X1
Y6,7
X6,7


A)
B)
C)
1e7
1e7
1e6
K_{min} (N/m)
R (m)
W (kg)
R_w/L_A
R_h/L_A
R_r


PL SLM Performance Space
×10^5
K_min (N/m)
Range (m)
Weight (kg)
Range vs K_min
Class I
Class II
Class III
Type X
Type Y
Weight vs K_min
Weight