Assumption P and f act work on hinge 2

Shear centre lies on the z axis as this is a axis of geometry

[0.008876259466496679, 0.035505037865986716, 0.0798863351984701, 0.14202015146394686, 0.22190648666241697, 0.308406486662417, 0.221906486662417, 0.1420201514639469, 0.07988633519847015, 0.03550503786598674, 0.008876259466496669, -3.642919299551295e-17] for q of Sy CellII

[[0.07111646421258032,

0.07111646421258044,

2.636779683484747e-16,

-0.08649999999999973,

2.636779683484747e-16]] for q of Sy cell I 🡪 is right

base\_shear(coordinates.a[0], coordinates.a[1], 1,1, 0 ,0 , 1, 1,0 )