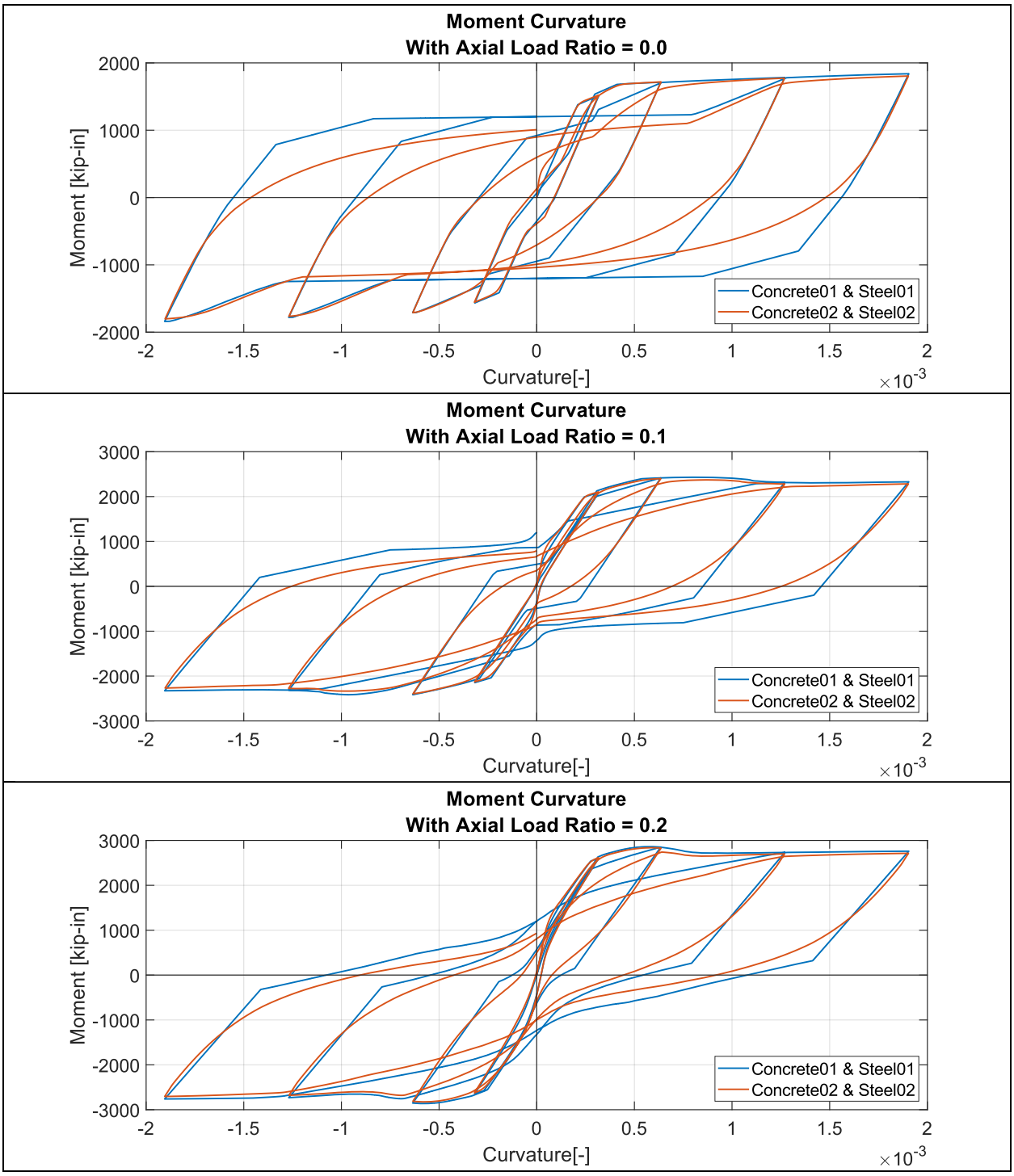

Moment Curvature
With Axial Load Ratio = 0.0
Moment [kip-in]
Curvature[-]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02
Moment Curvature
With Axial Load Ratio = 0.1
Moment [kip-in]
Curvature[-]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02
Moment Curvature
With Axial Load Ratio = 0.2
Moment [kip-in]
Curvature[-]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02

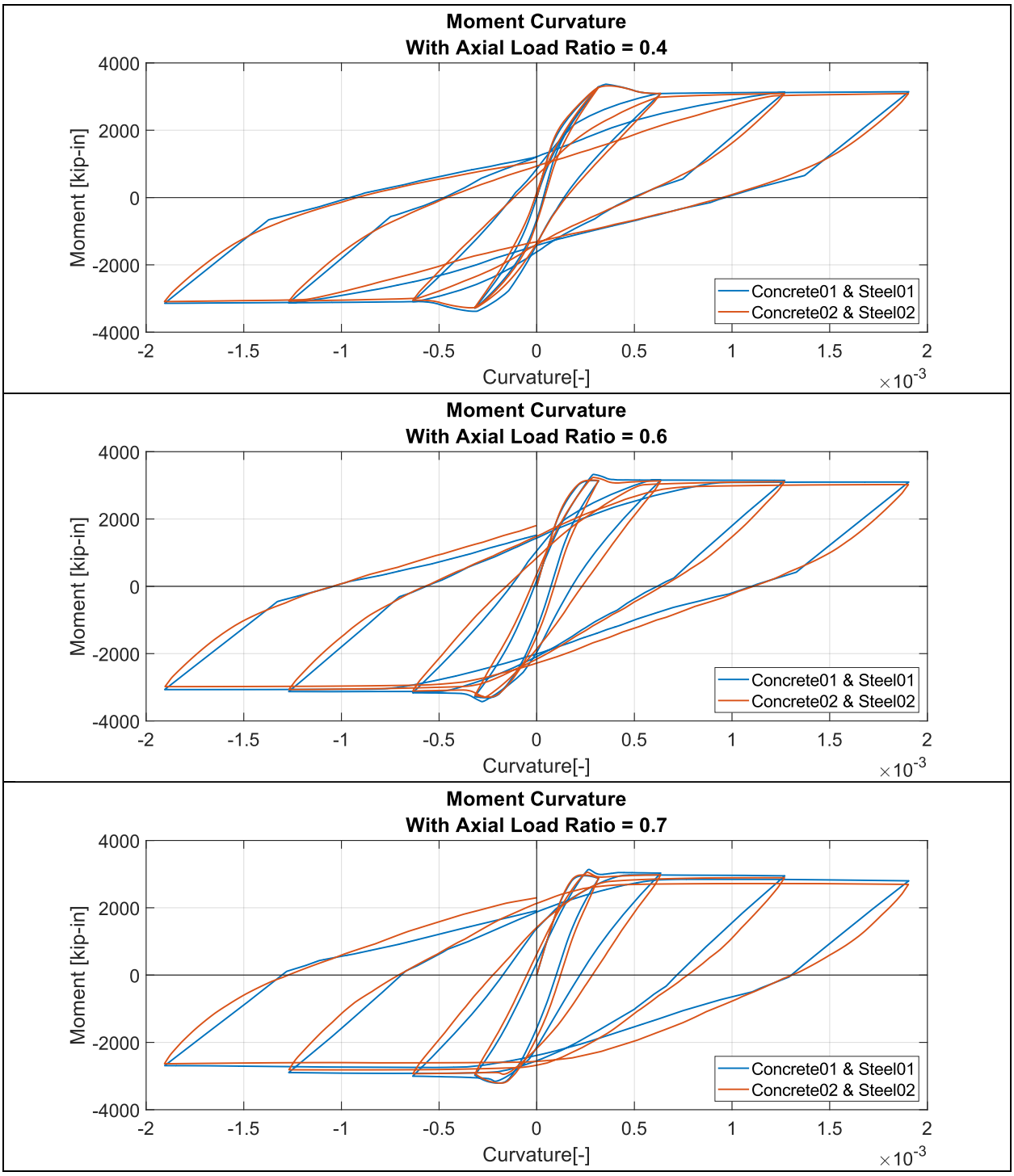
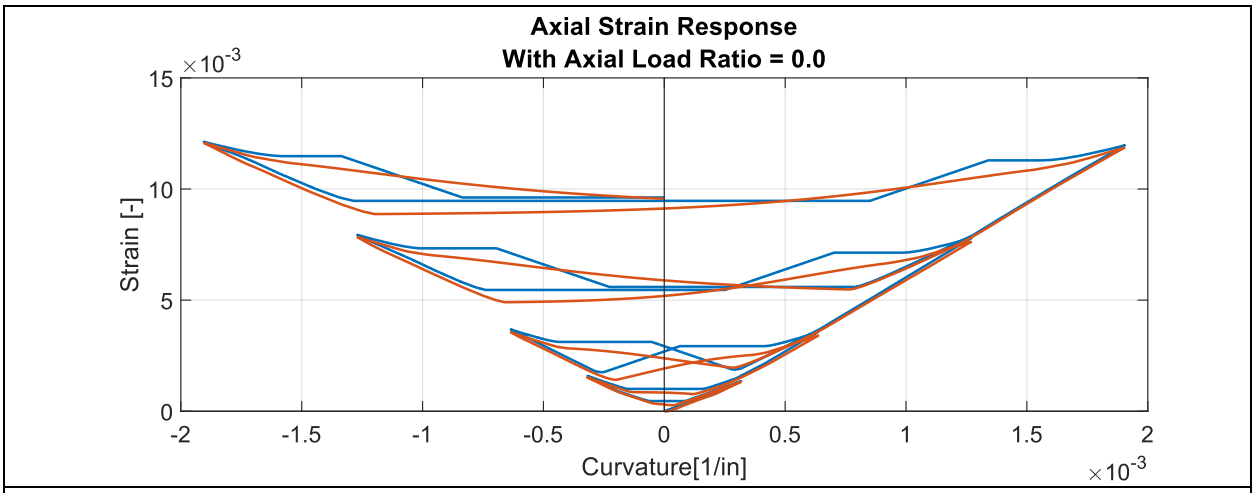
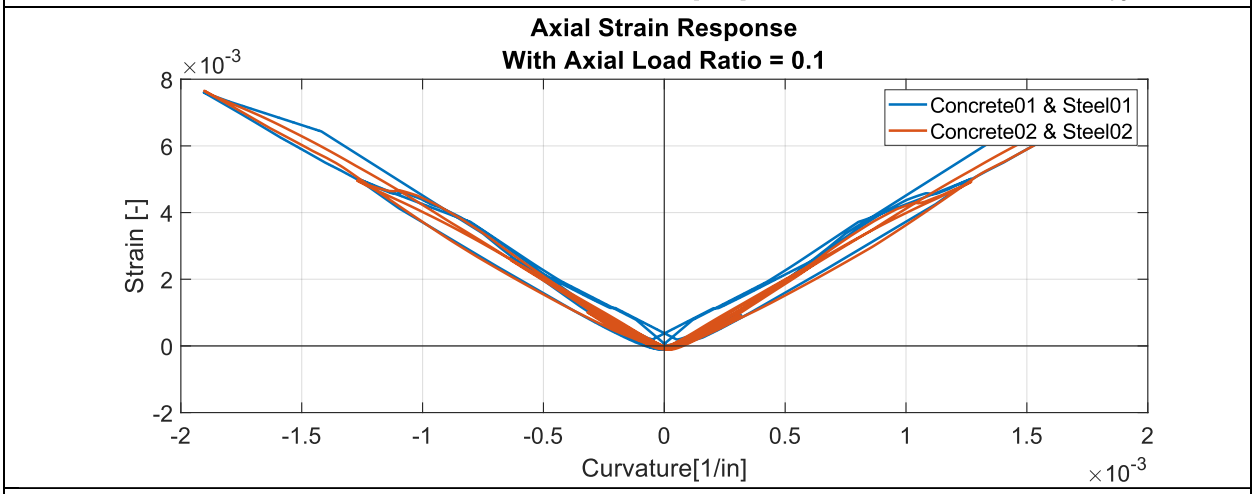
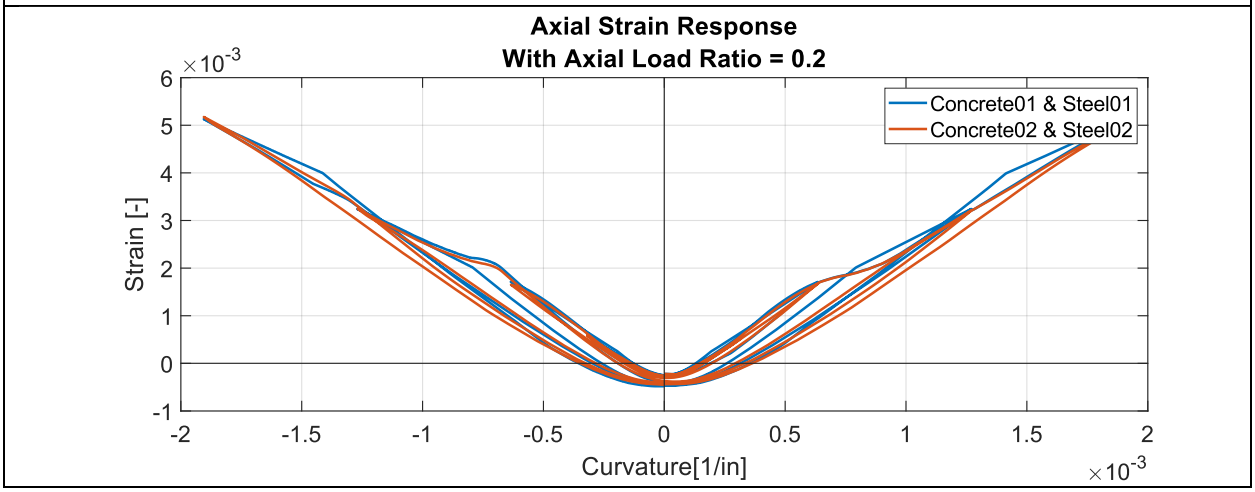

Moment Curvature
With Axial Load Ratio = 0.4
Moment [kip-in]
Curvature[-]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02
Moment Curvature
With Axial Load Ratio = 0.6
Moment [kip-in]
Curvature[-]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02
Moment Curvature
With Axial Load Ratio = 0.7
Moment [kip-in]
Curvature[-]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02

Figure 1


Axial Strain Response
With Axial Load Ratio = 0.0
×10^-3
15
10
5
0
Strain [-]
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
Curvature[1/in]
×10^-3


Axial Strain Response
With Axial Load Ratio = 0.1
×10^-3
8
6
4
2
0
-2
Strain [-]
Concrete01 & Steel01
Concrete02 & Steel02
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
Curvature[1/in]
×10^-3


Axial Strain Response
With Axial Load Ratio = 0.2
×10^-3
6
5
4
3
2
1
0
-1
Strain [-]
Concrete01 & Steel01
Concrete02 & Steel02
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
Curvature[1/in]
×10^-3

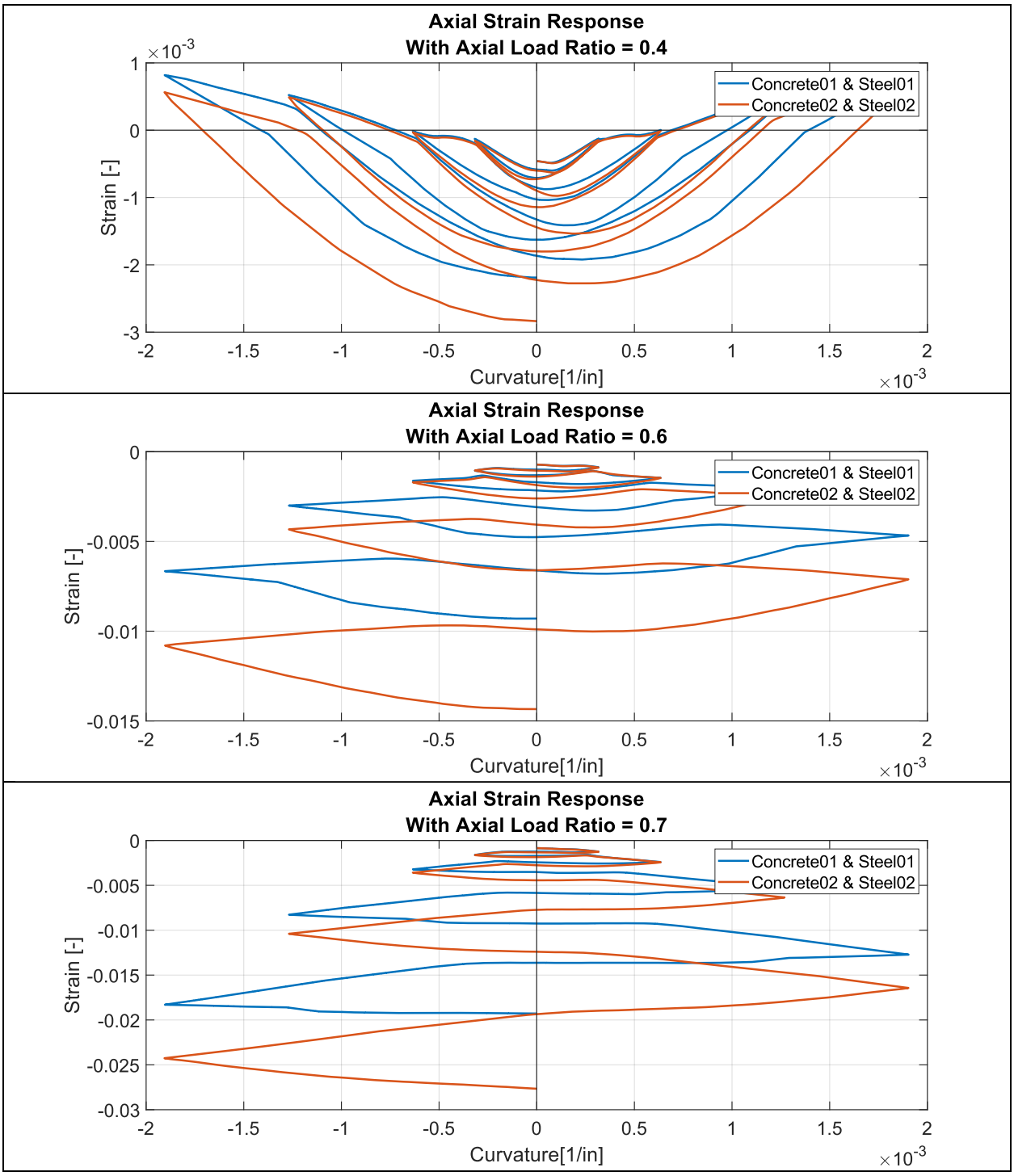

Axial Strain Response
With Axial Load Ratio = 0.4
×10^-3
Strain [-]
Curvature[1/in]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02
Axial Strain Response
With Axial Load Ratio = 0.6
Strain [-]
Curvature[1/in]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02
Axial Strain Response
With Axial Load Ratio = 0.7
Strain [-]
Curvature[1/in]
×10^-3
Concrete01 & Steel01
Concrete02 & Steel02

Figure 2