The following knot diagrams were generated with our python program using the pyknotid library. Although these are knots and not bends, they can be converted to bends by untying or snipping at two locations. The knots are classified by Alexander-Briggs notation

Bends with alpha symmetry

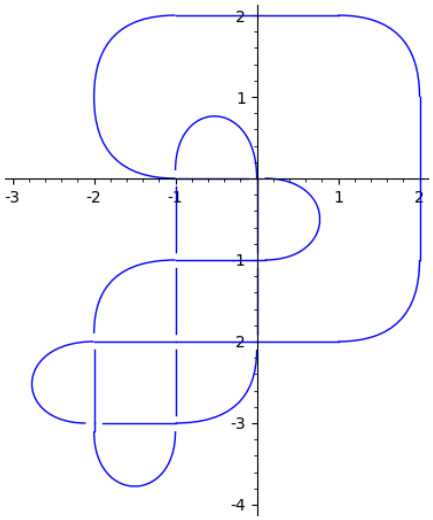

Figure 1: 0_1

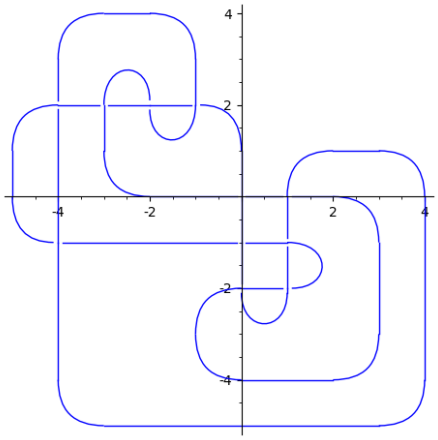

Figure 2: 10_{26}

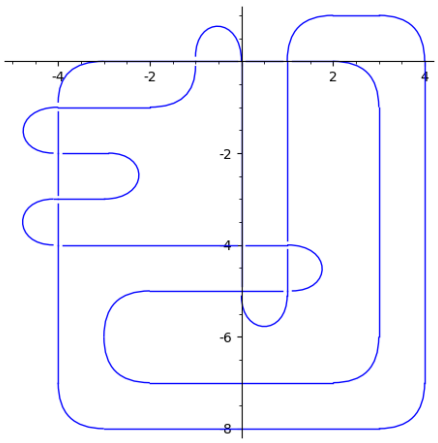

Figure 3: 10_9

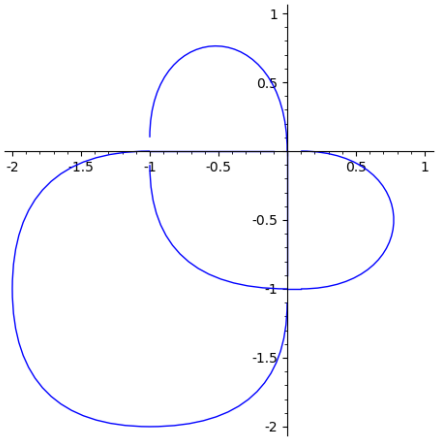

Figure 4: 3_1

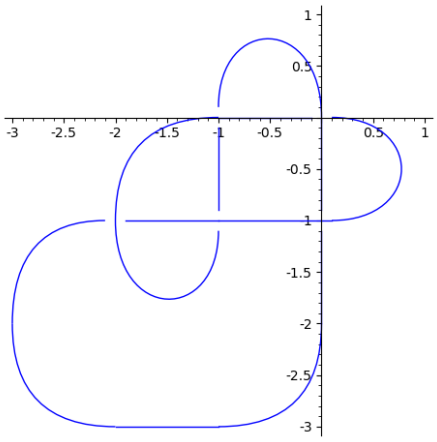

Figure 5: 4_1

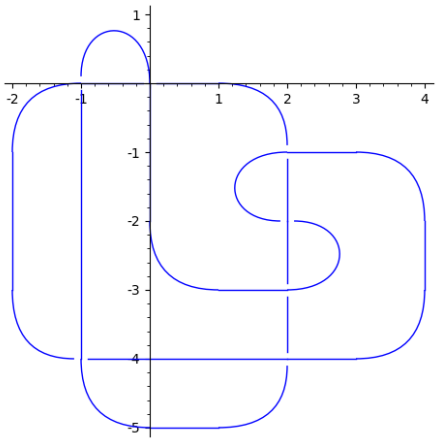

Figure 6: 6_2

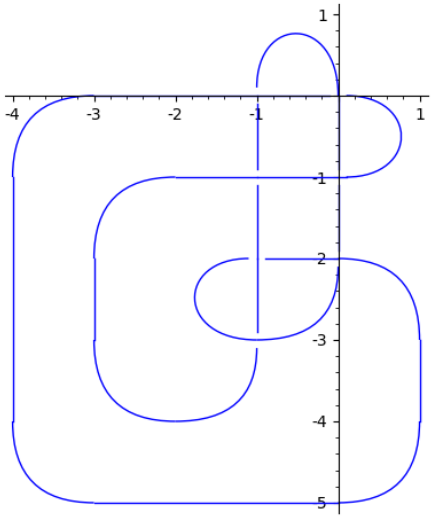

Figure 7: 6_3

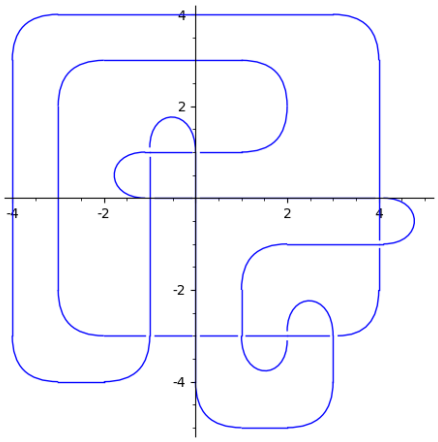

Figure 8: 8_14

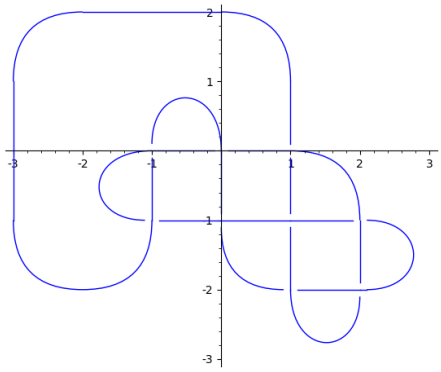

Figure 9: 8_4

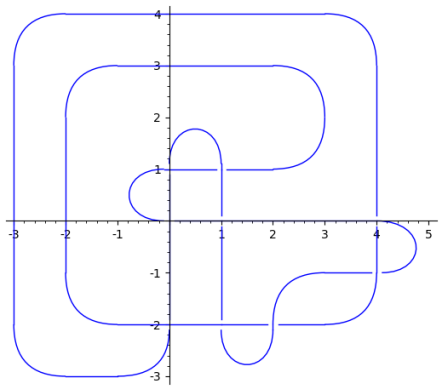

Figure 10: 8_9

Bends with beta symmetry

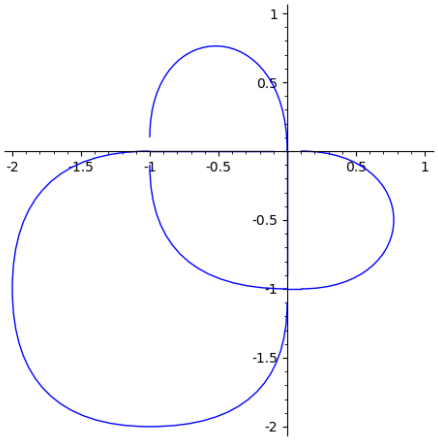

Figure 11: 3_1

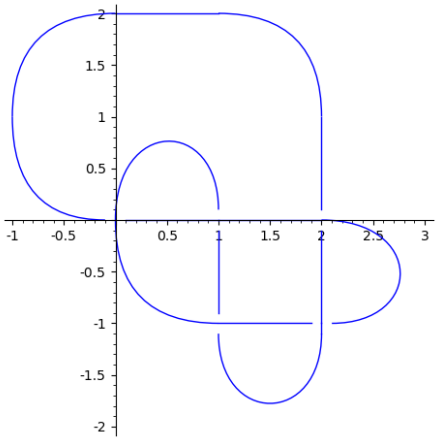

Figure 12: 4_1

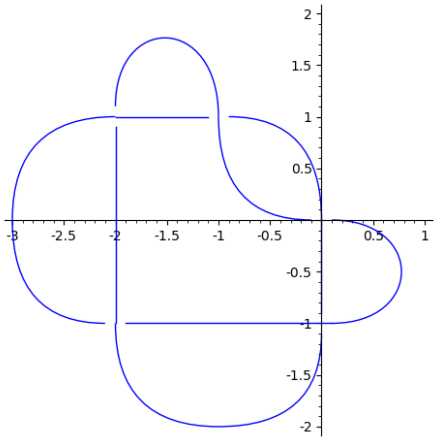

Figure 13: 5_1

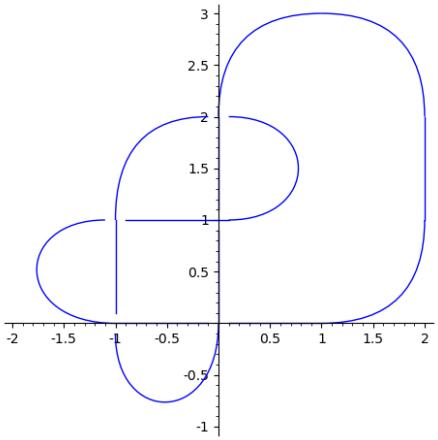

Figure 14: 5_2

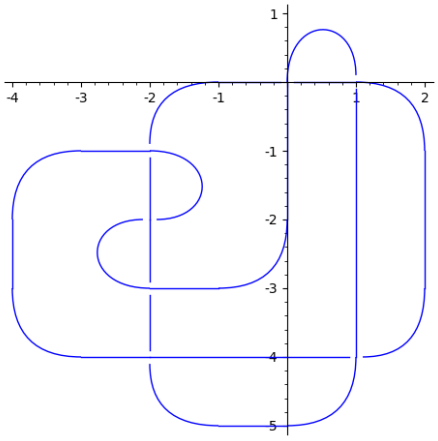

Figure 15: 6_2

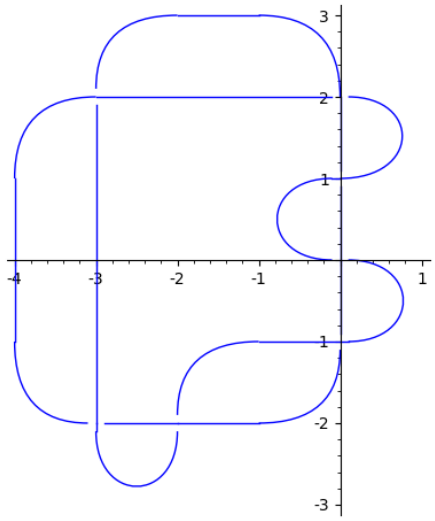

Figure 16: 7_1

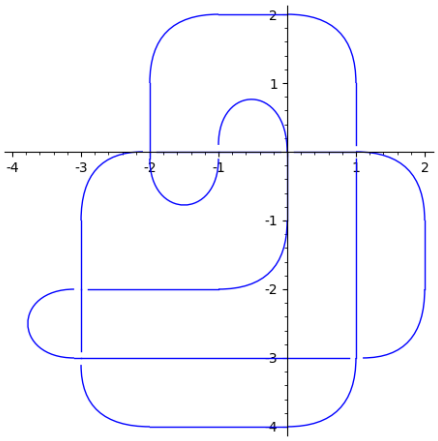

Figure 17: 7_3

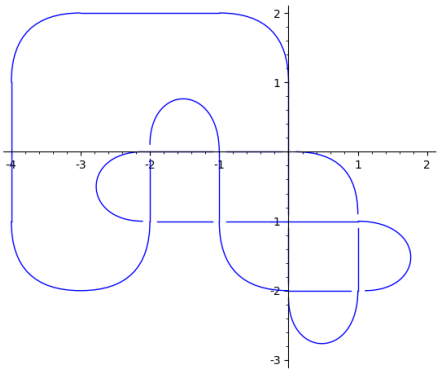

Figure 18: 7_6

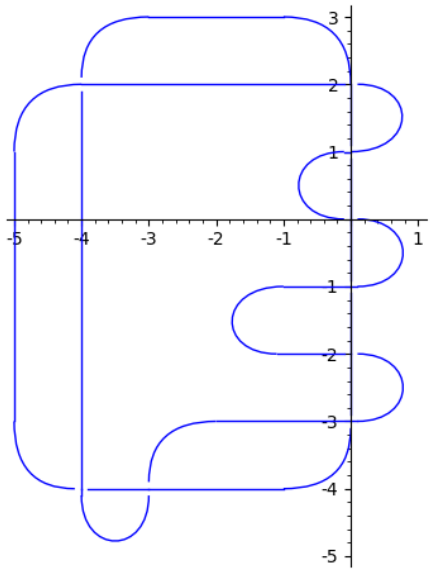

Figure 19: 9_1

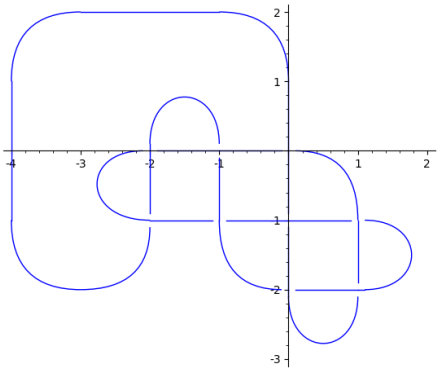

Figure 20: 9_13

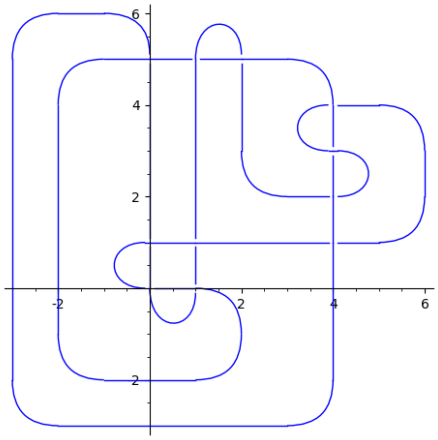

Figure 21: 9_27

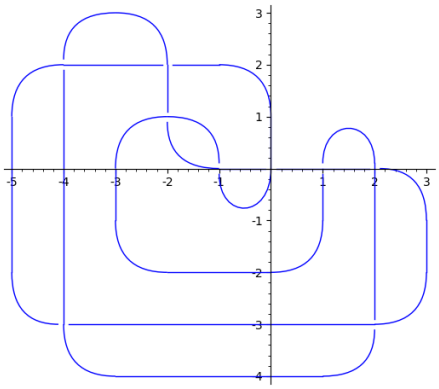

Figure 22: 9_3