

1.1 show nothing, 1 pt total

1.2 2 pt, single line segment

2.1 single line segment

2.2 straight line of 2 segments

2.3 2 curves thru 3 pts

2.4 tight loop

3.1 2 segments lineX forced to line1 both

3.2 2 segments lineX forced to line1 both

3.3 2 segments lineX forced to line1 both

3.4 2 segments lineX forced to line1 both

4.1 ends 2 straight, arc between

4.2 S-shaped curve, ends 2 straight

4.3 more extreme S-shaped curve, ends 2 straight

4.4 like 4.3 but longer control lines

5.1 3 curved segments

5.2 ends forced straight lines, center S-curve

5.3 like 5.2 but longer control lines

6.1 7 straight segments in a row

6.2 4 curved, center 2 nearly flat

6.3 4 curved, center 2 nearly flat

6.4 like 6.2 but 3 nearly flat in center

6.5 like 6.4 but 3 nearly flat in center

7.1 like 6.4 but 4 nearly flat in center

7.2 like 6.5 but 4 nearly flat in center

7.3 like 6.4 but center forced line

7.4 like 6.5 but center forced line

8.1 like 7.1 but 2 center forced lines

8.2 like 7.2 but 2 center forced lines

1.1 like 1-1.1

1.2 like 1-1.2

2.1 like 1-2.1

2.2 like 1-2.2

2.3 2 curves that blend to straight lines
due to override of constraintX by
line1

3.1 like 2.3 as forced to line1

3.2 like 2.3 as forced to line1

3.3 like 2.3 as forced to line1

3.4 like 2.3 as forced to line1

4.1 like 1-4.1 but first and last segments
gone and colinearity overrides
constraint1 to force constraint2

4.2 like 1-4.2 but first and last segments
gone and colinearity overrides
constraint1 to force constraint2

4.3 like 1-4.3 but first and last segments
gone

4.4 like 1-4.4 but first and last segments
gone with longer control points
making more extreme S-curve

5.1 invisible left end straight line
causing curve to match, invisible
right end curve matches tangent, end
tangent is polyline

5.2 ends forced to straight lines (line2),
center curve matches end lines at
their tangents

5.3 like 5.2 but more extreme from
longer control lines

6.1 like 1-6.1 with end segments not
drawn

6.2 ends not drawn, left is line, right is
curve, drawn line tangents match

6.3 ends not drawn, left is line, right is
curve, drawn line tangents match

6.4 like 1-6.4 but end segments not
drawn and tangents match

6.5 like 1-6.5 but end segments not
drawn and tangents match

7.1 like 6.4 but new center point is flat

7.2 like 6.5 but new center point

7.3 like 6.4 but force center line

7.4 like 6.5 but force center line

8.1 like 7.1 but force 2 center lines

8.2 like 7.2 but force 2 center lines

1.1 like 2-1.1

1.2 like 2-1.2

2.1 like 2-2.1

2.2 like 2-2.2

2.3 like 2-2.3

3.1 like 2-3.1

3.2 like 2-3.2

3.3 like 2-3.3

3.4 like 2-3.4

4.1 like 2-4.1

4.2 like 2-4.2

4.3 like 2-4.3

4.4 like 2-4.4

5.1 end segs invisible, left curve right line, center tangents match

5.2 like 2-5.2

5.3 like 2-5.3

6.1 like 2-6.1, colinearity overrides constraint1 to constraint2

6.2 left invisible curve, right invisible line, curve tangents match

6.3 left invisible curve, right invisible line, curve tangents match

6.4 like 6.2 but extra colinear point in middle

6.5 like 6.3 but extra colinear point in middle

7.1 like 6.4 but new flat center point

7.2 like 6.5 but new center point

7.3 like 6.4 but force center to line

7.4 like 6.5 but force center to line

8.1 like 7.1 but force center 2 segments to lines

8.2 like 7.2 but force center 2 segments to lines

1.1 like 3-1.1

1.2 like 3-1.2

2.1 like 3-2.1

2.2 like 3-2.2

2.3 like 3-2.3

3.1 like 3-3.1

3.2 like 3-3.2

3.3 like 3-3.3

3.4 like 3-3.4

4.1 left line1 overridden by colinearity,
right line2 line anyway

4.2 right line1 overridden by colinearity,
left line2 line anyway

4.3 like 4.2 but more extreme S-curve

4.4 like 4.3 but longer control points

5.1 force line left end, force constrained
curve right end

5.2 force lines both ends, curve tangents
match

5.3 like 5.2 with longer control points
for more extreme S-curve

6.1 right end line1 overridden to line by
colinearity

6.2 force left line, right constrained
curve, tangents match

6.3 force left line, right constrained
curve, tangents match

6.4 like 6.2 with extra middle point

6.5 like 6.3 with extra middle point

7.1 like 6.4 with new flat center point

7.2 like 6.5 with new center point

7.3 like 6.4 with center segment forced
to line

7.4 like 6.5 with center segment forced
to line

8.1 like 7.1 but center colinear segments
forced to lines

8.2 like 7.2 but center colinear segments
forced to lines