

# Problem report for:

RobotoFlex[GRAD,XOPQ,XTRA,YOPQ,YTAS,YTDE,YTFI,YTLC,YTUC,opsz,slnt,width,wght].ttf  
sha1: 6168f4d27fdd777975ae0de390072471bafb028e  
Family name: Roboto Flex  
Version: Version 3.200;gftools[0.9.32]

## Parameters:

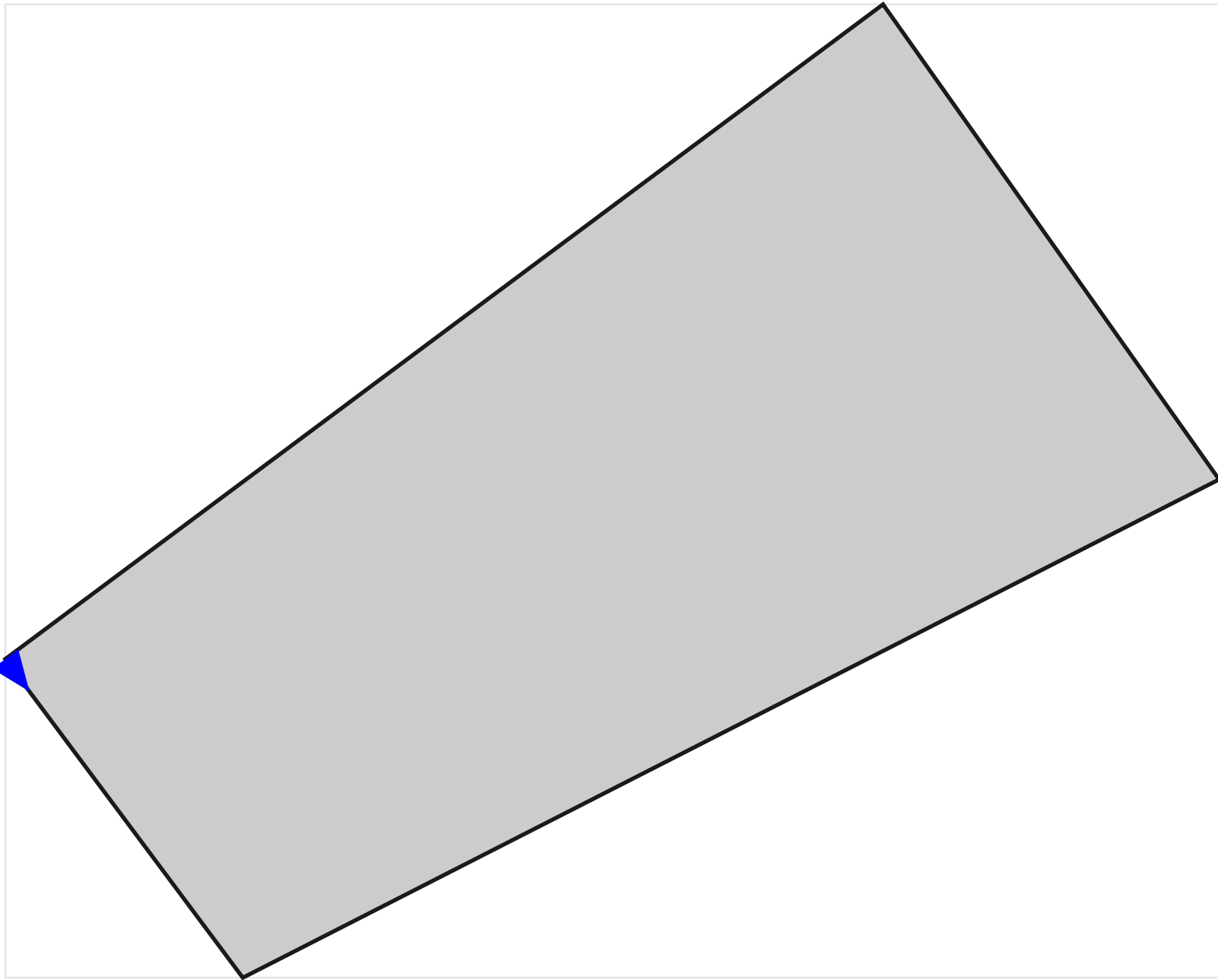
Error tolerance: 0.95  
Kink—reporting aggressiveness: 0.5

## Legend:

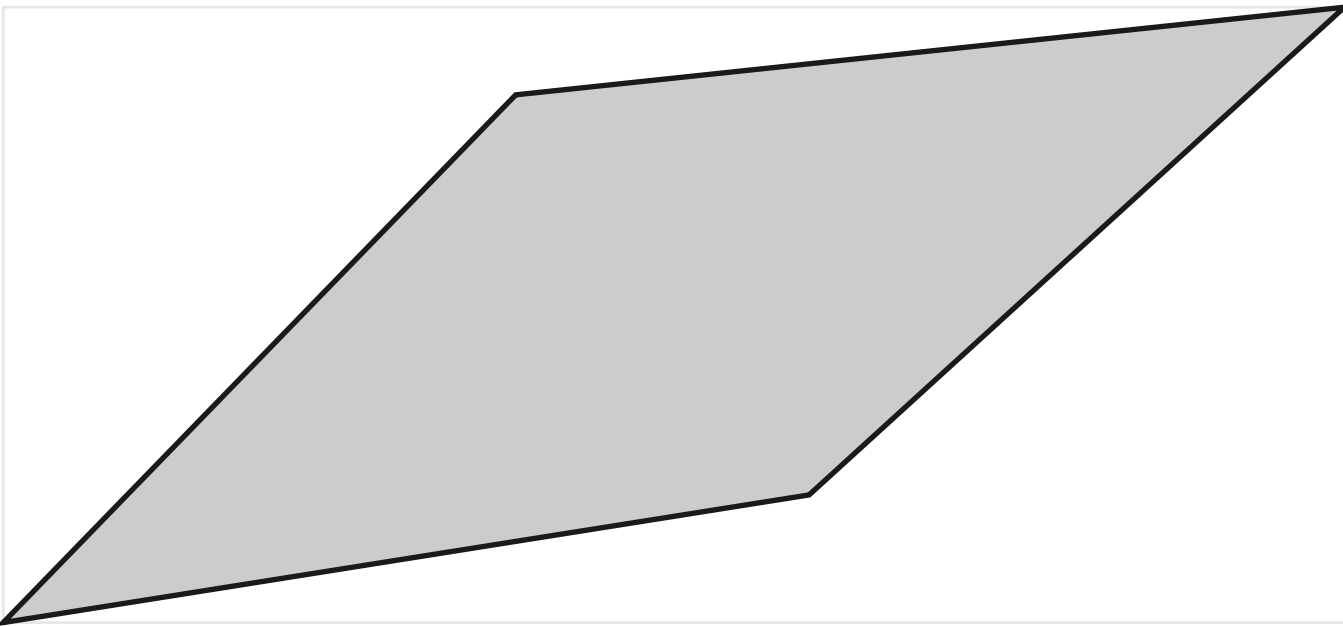
- ▶ Contour start point and direction
  - Contour start point when the first two points overlap
  - ▶ Contour start point in contours with wrong direction
  - Suggested new contour start point
  - Point causing kink in the contour
  - Kink artifact
  - Colored contours: contours with the wrong order
- Tolerance: badness; closer to zero the worse

wrong\_start\_point

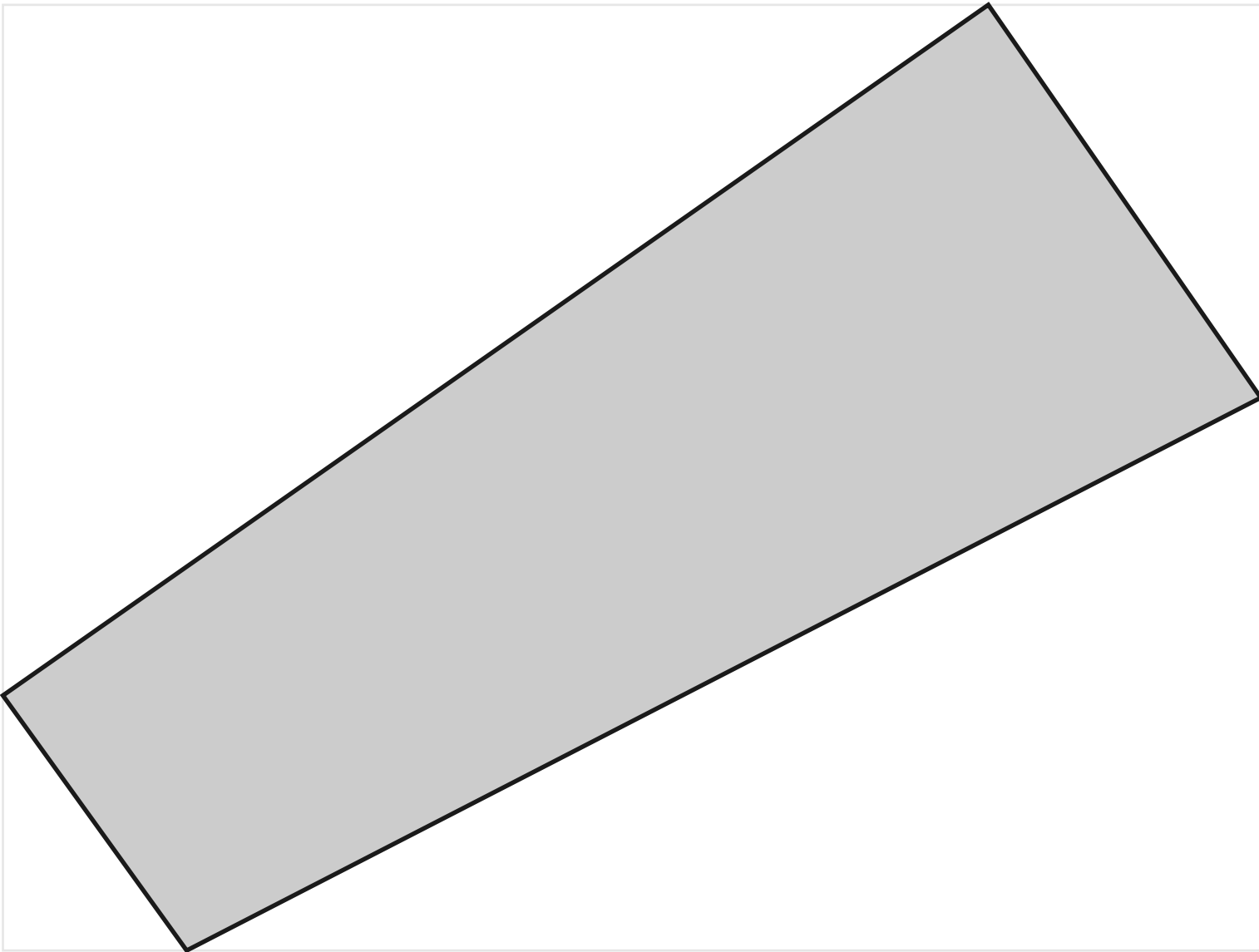
'opsz=8.0 width=25.0'



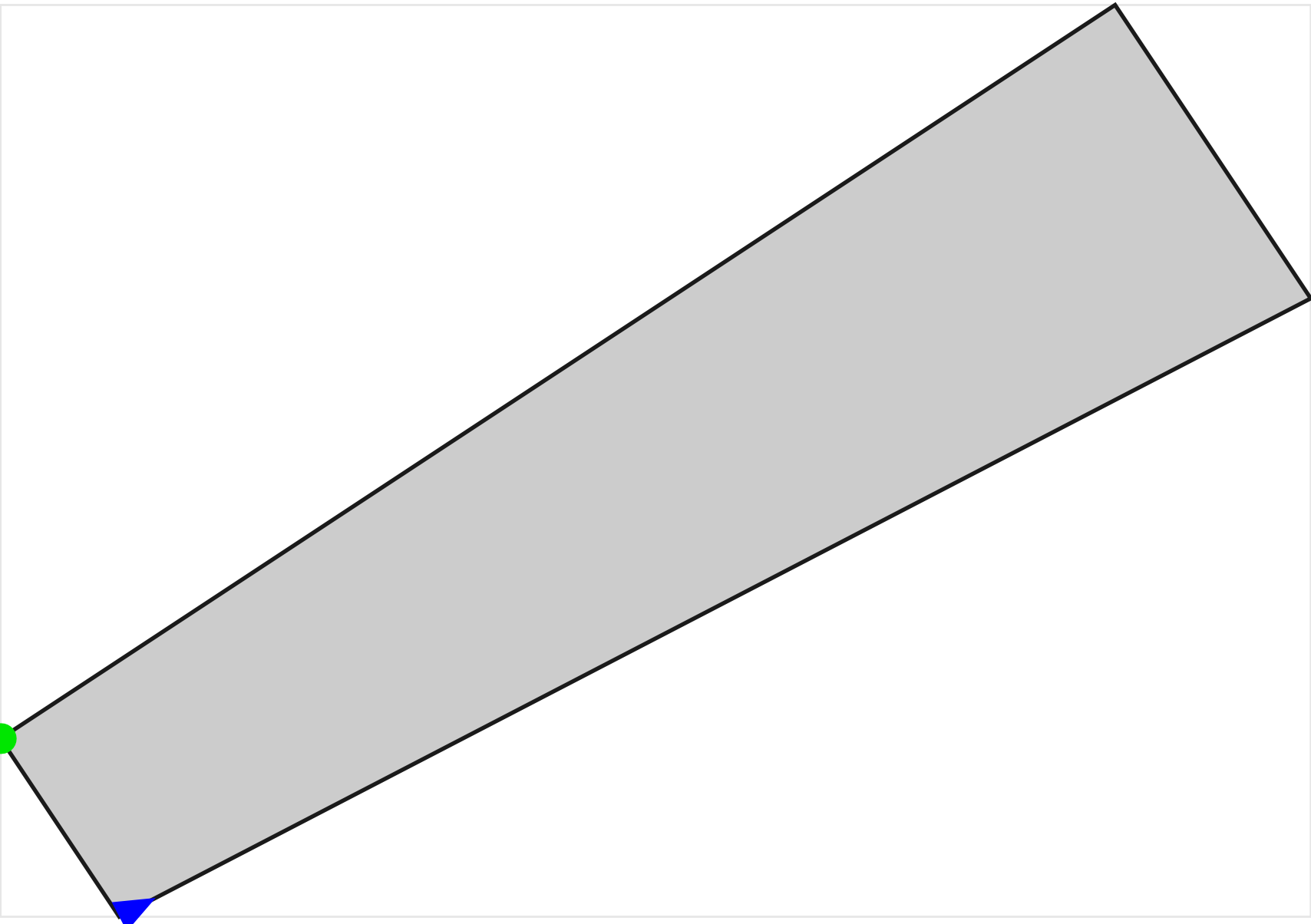
midway interpolation



proposed fix

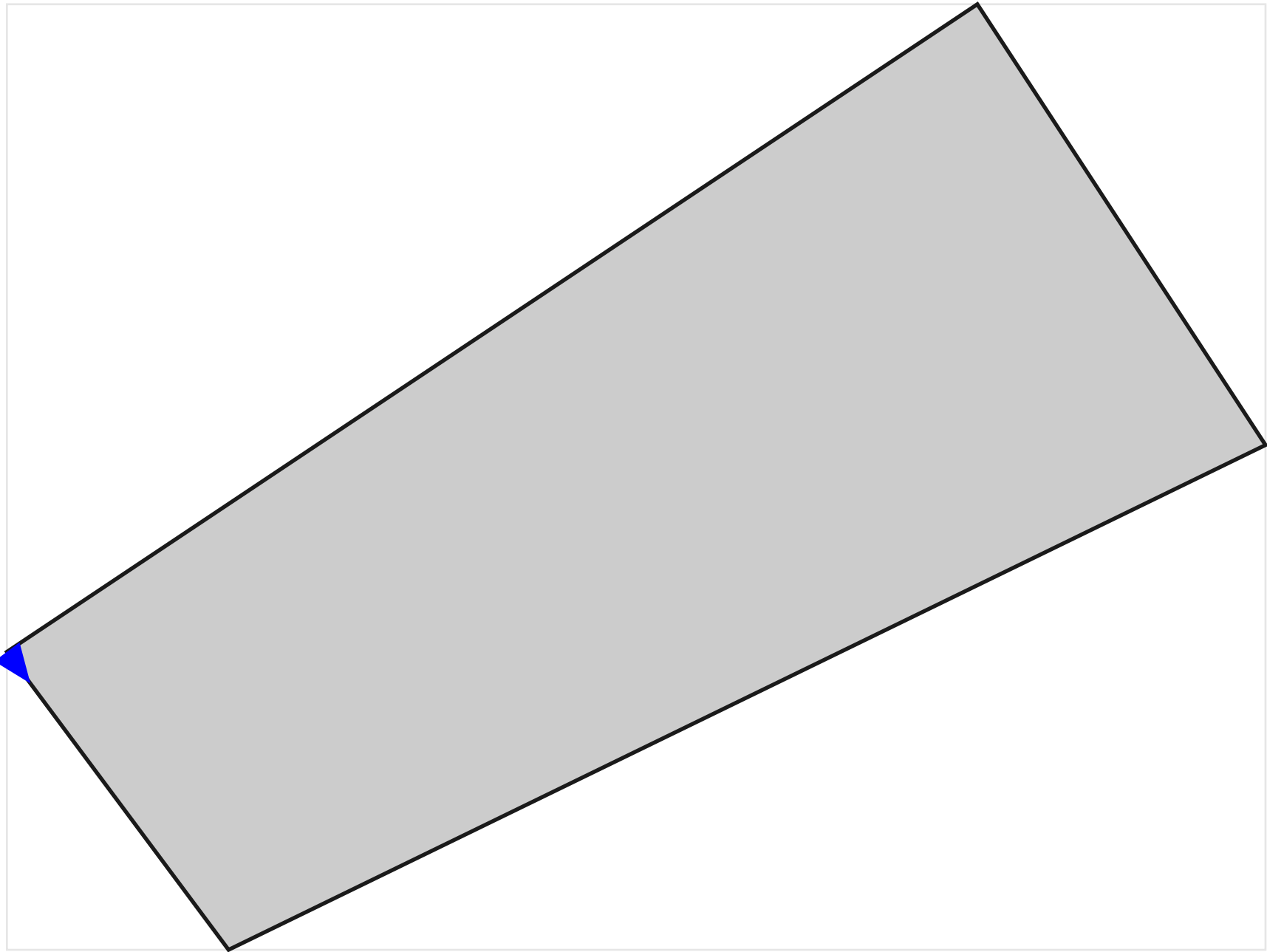


'opsz=8.0 width=25.0 wght=100.0'

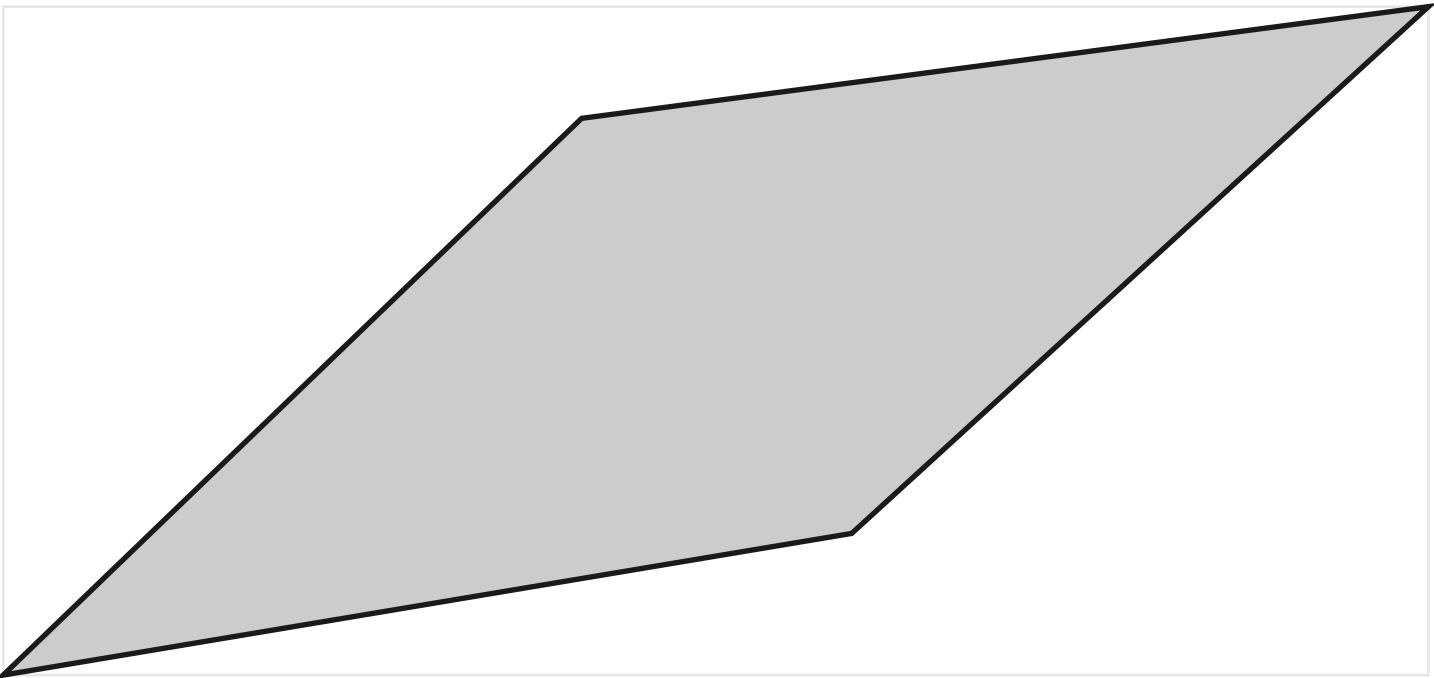


wrong\_start\_point

'opsz=8.0 width=151.0'

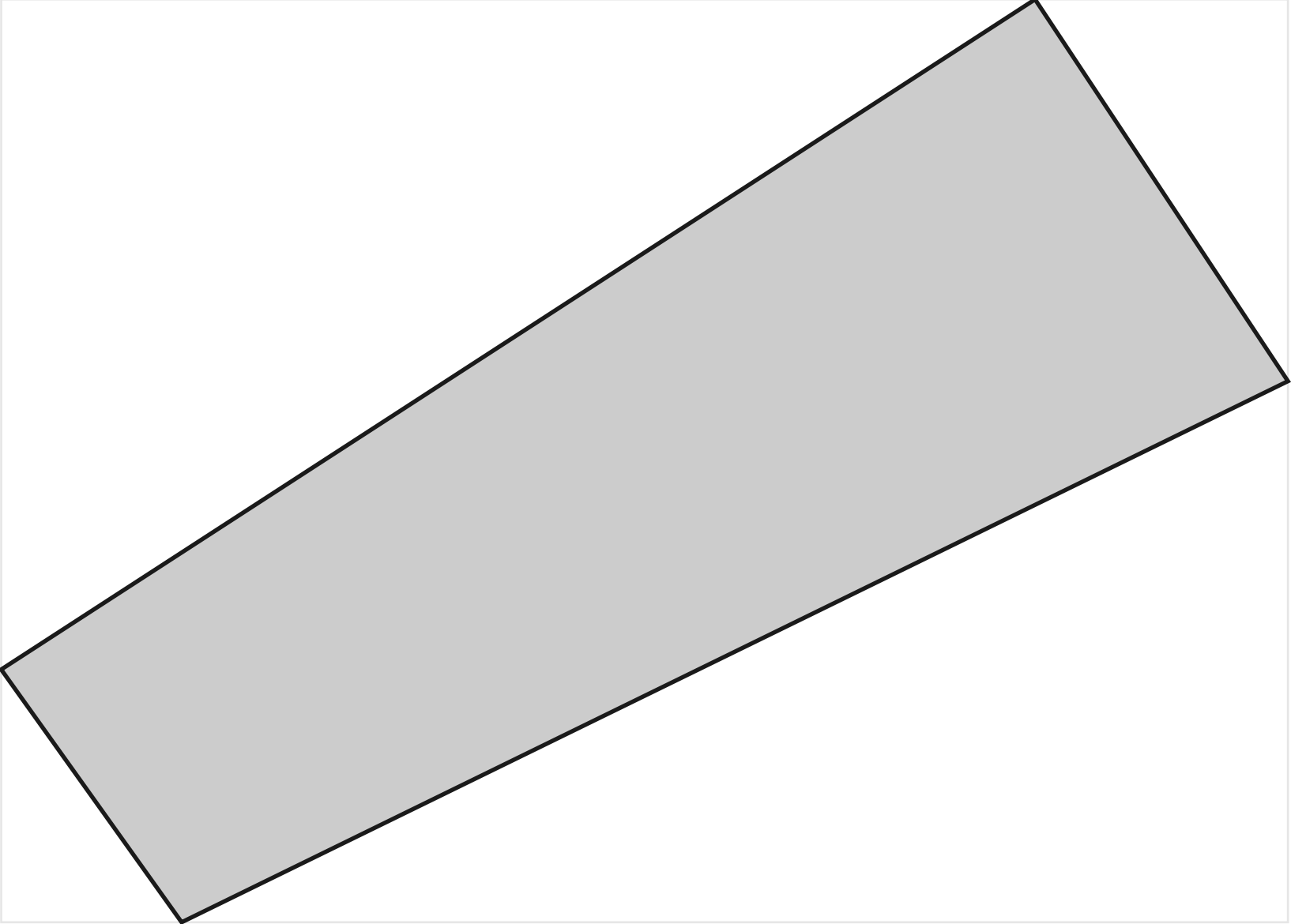
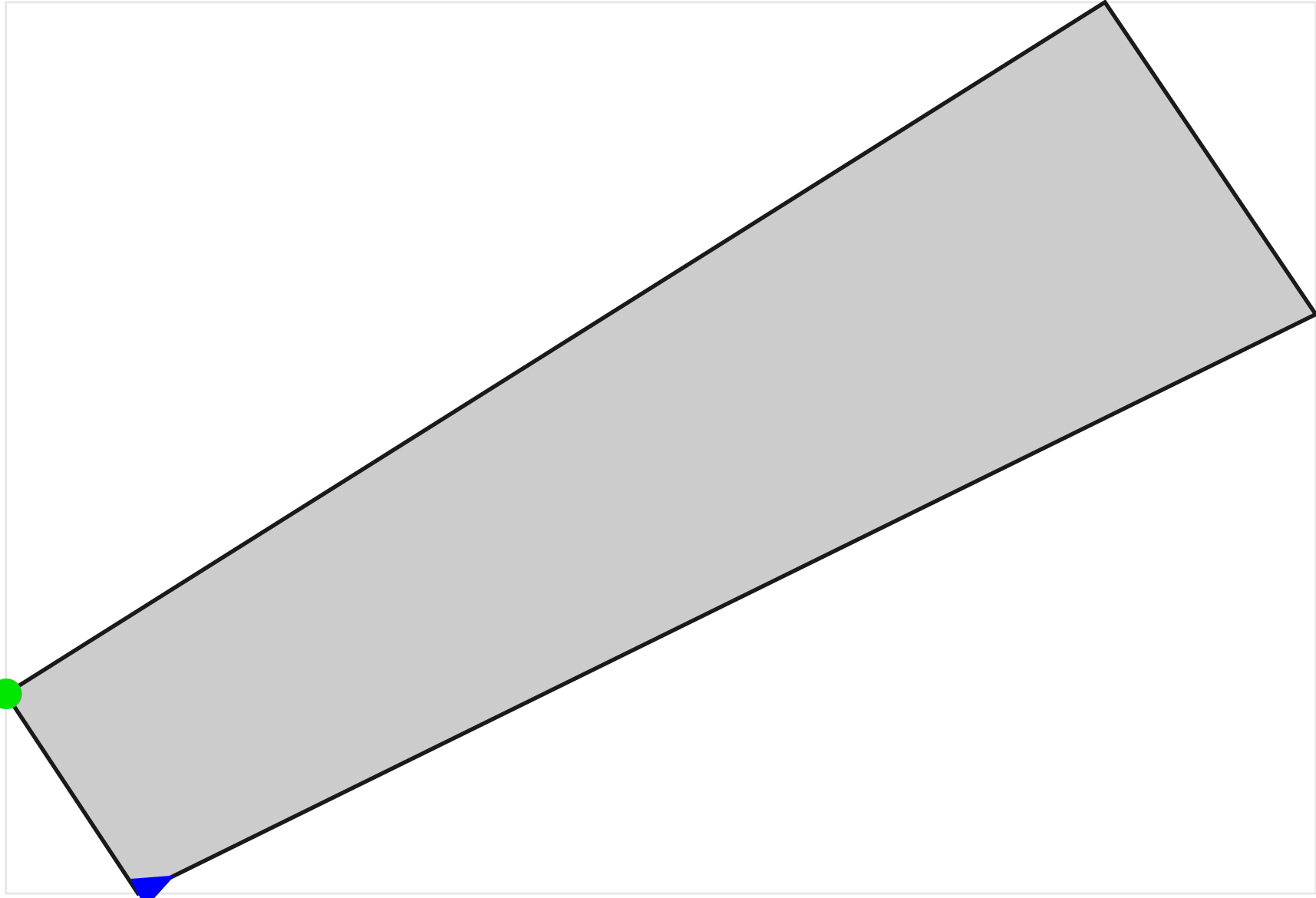


midway interpolation



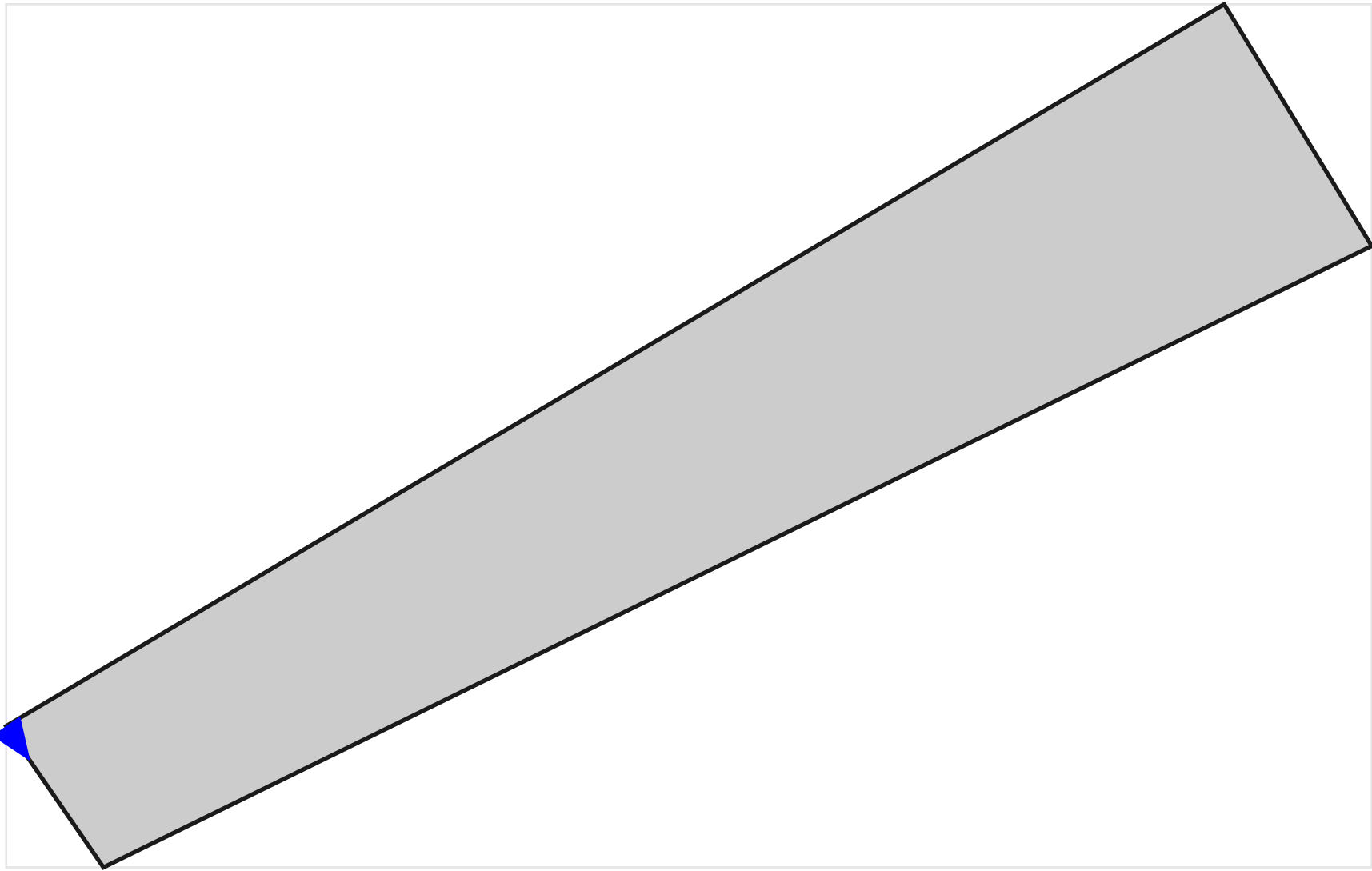
'opsz=8.0 width=151.0 wght=100.0'

proposed fix

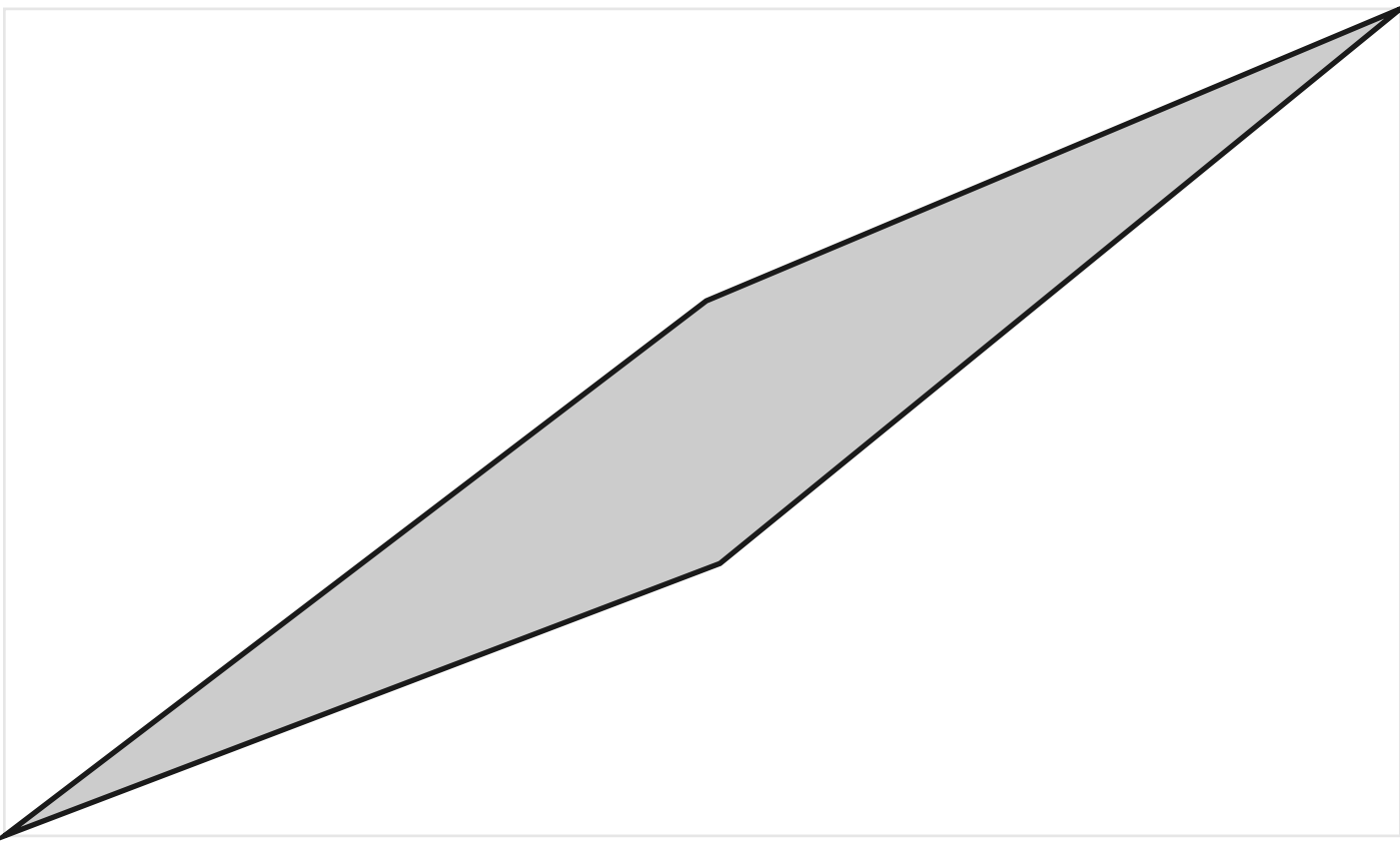


wrong\_start\_point

'GRAD=-200.0 opsz=8.0 wght=100.0'

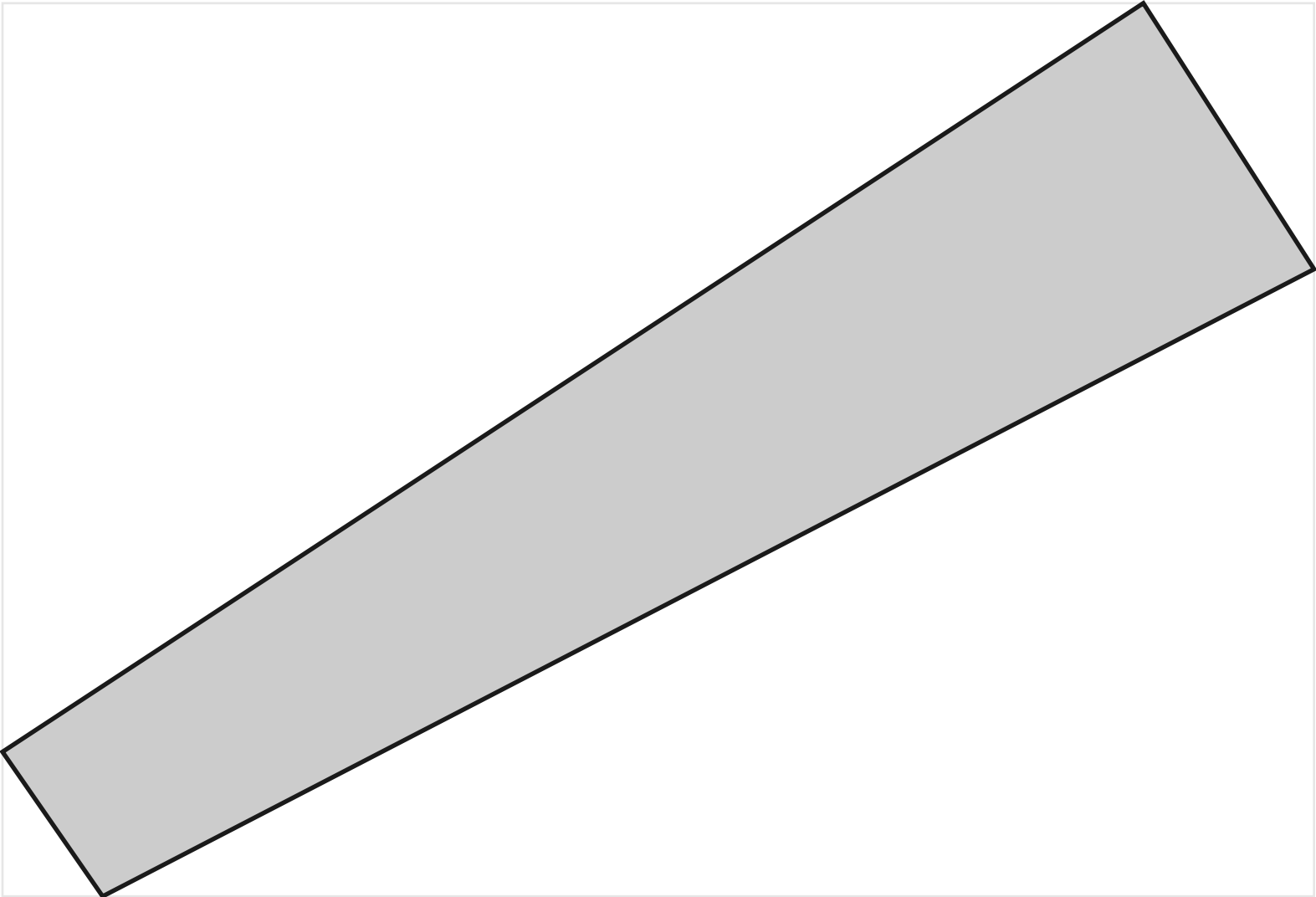
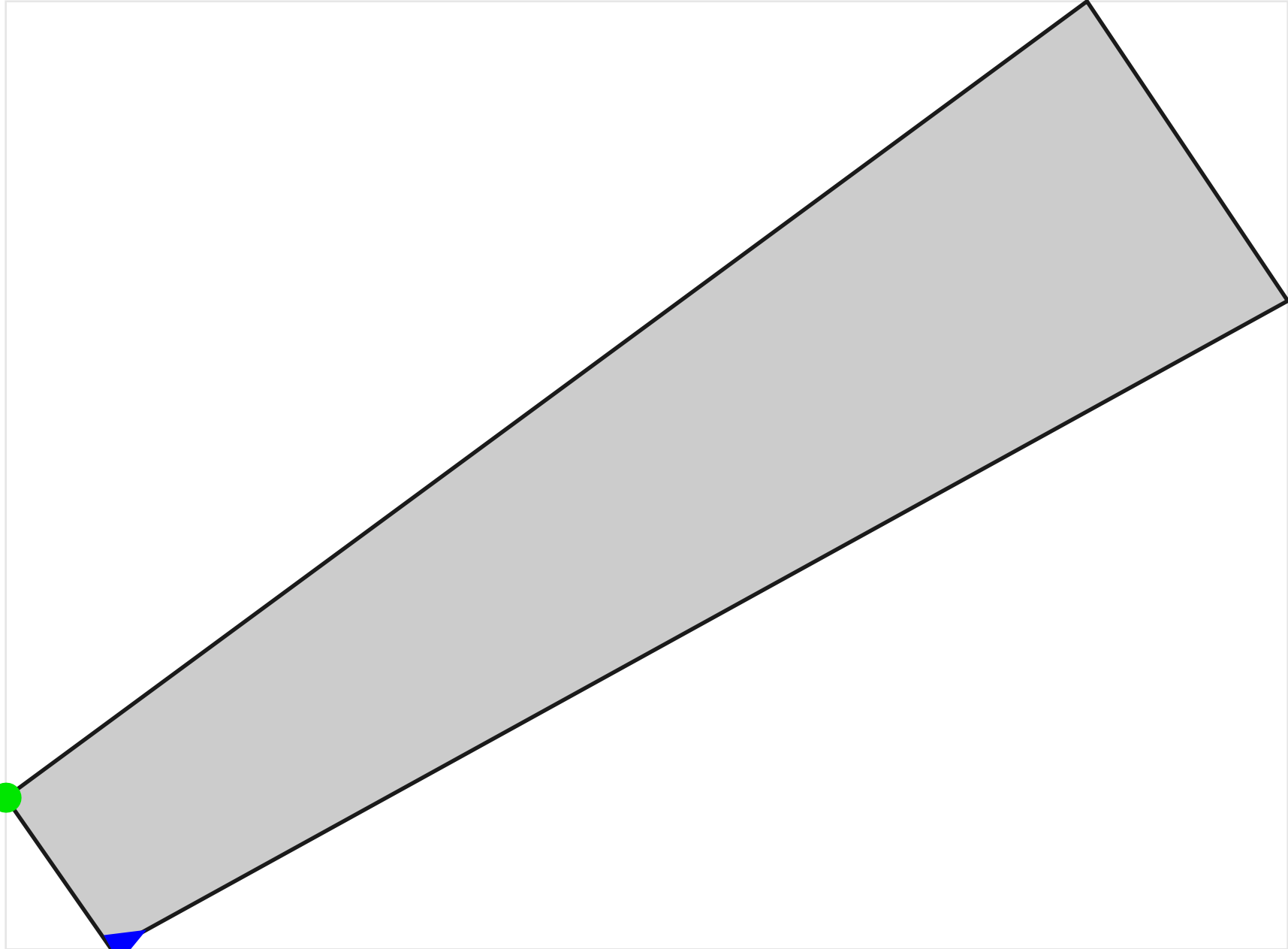


midway interpolation



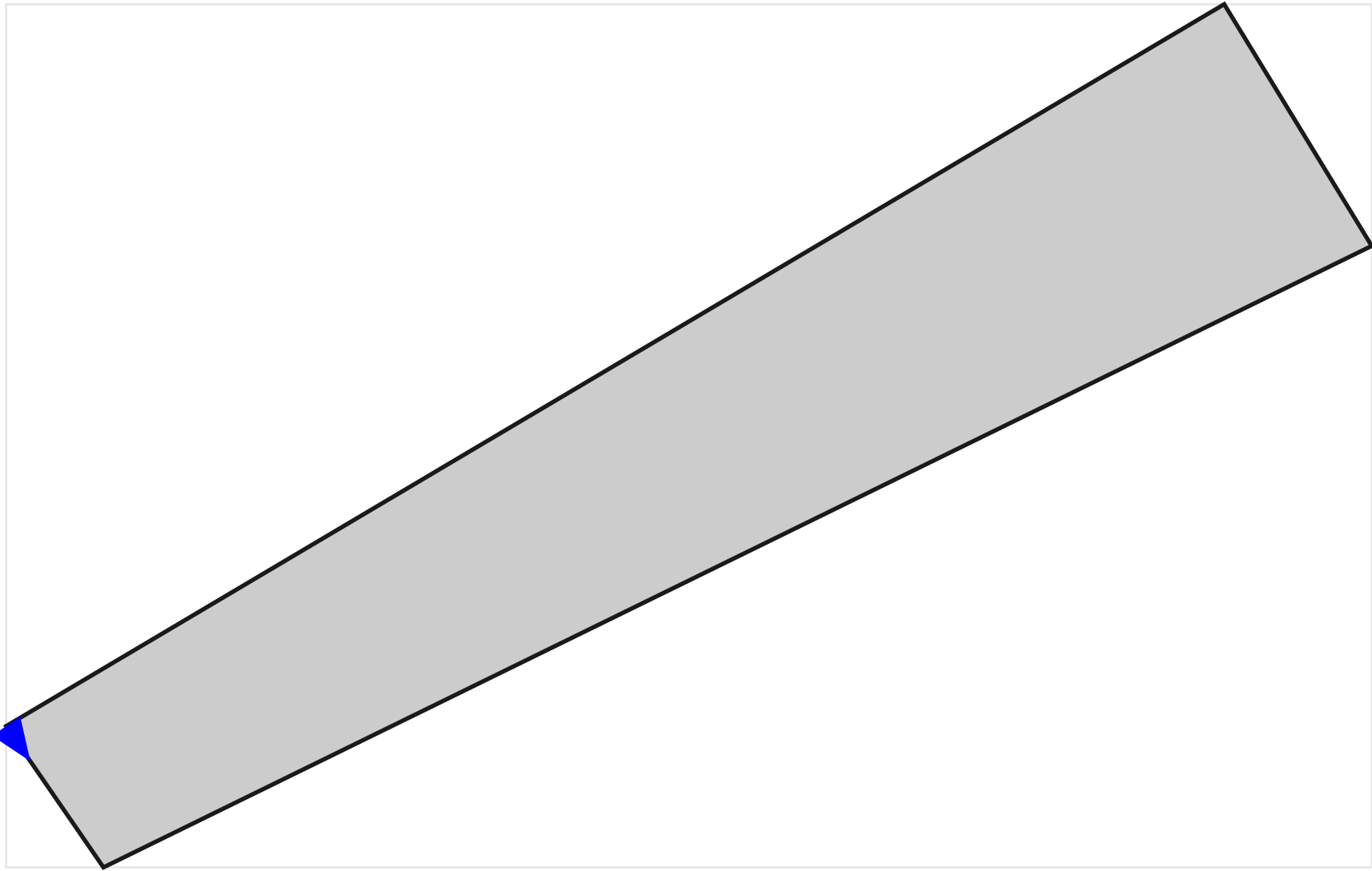
'GRAD=-200.0 opsz=8.0 width=25.0 wght=100.0'

proposed fix

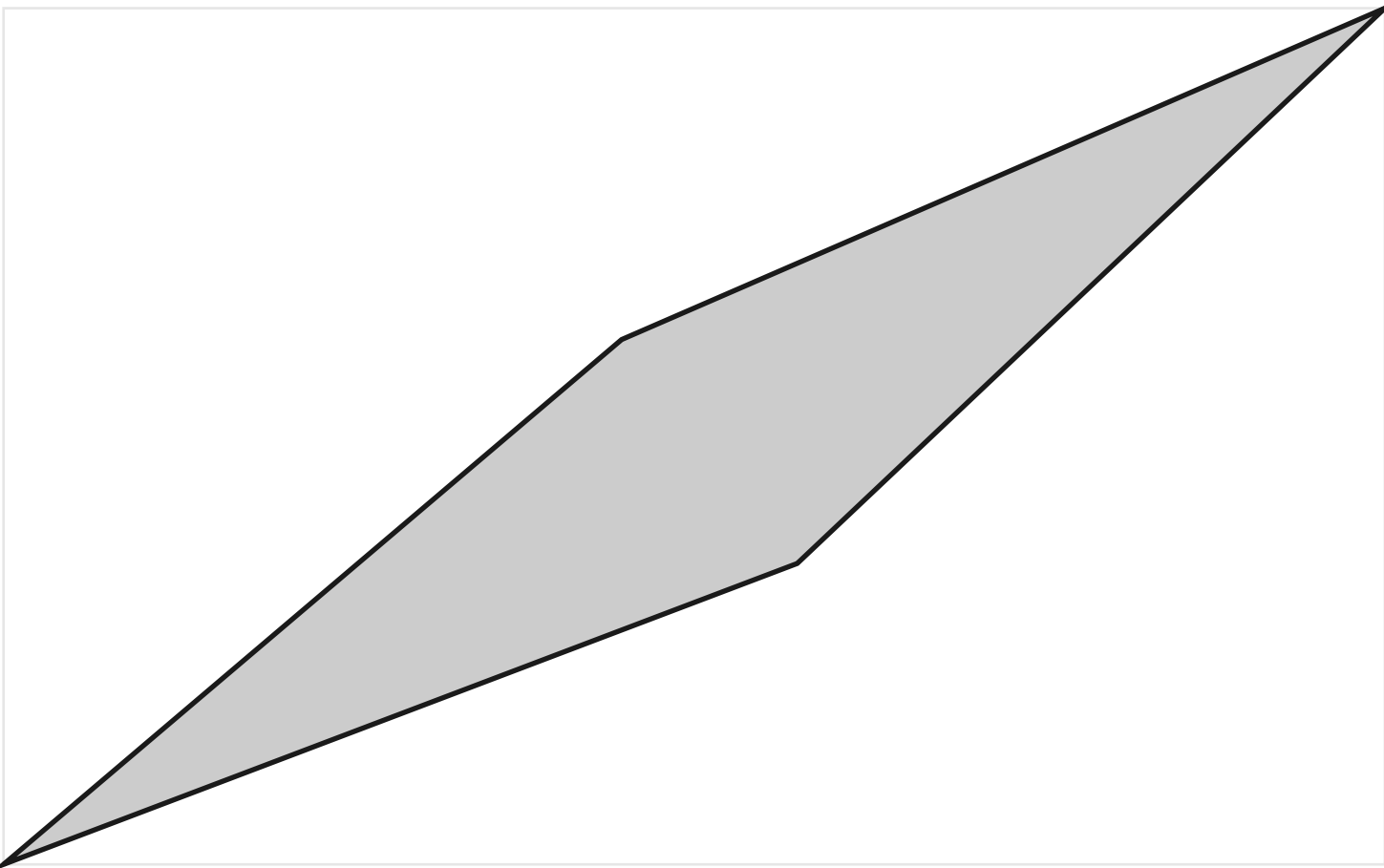


wrong\_start\_point

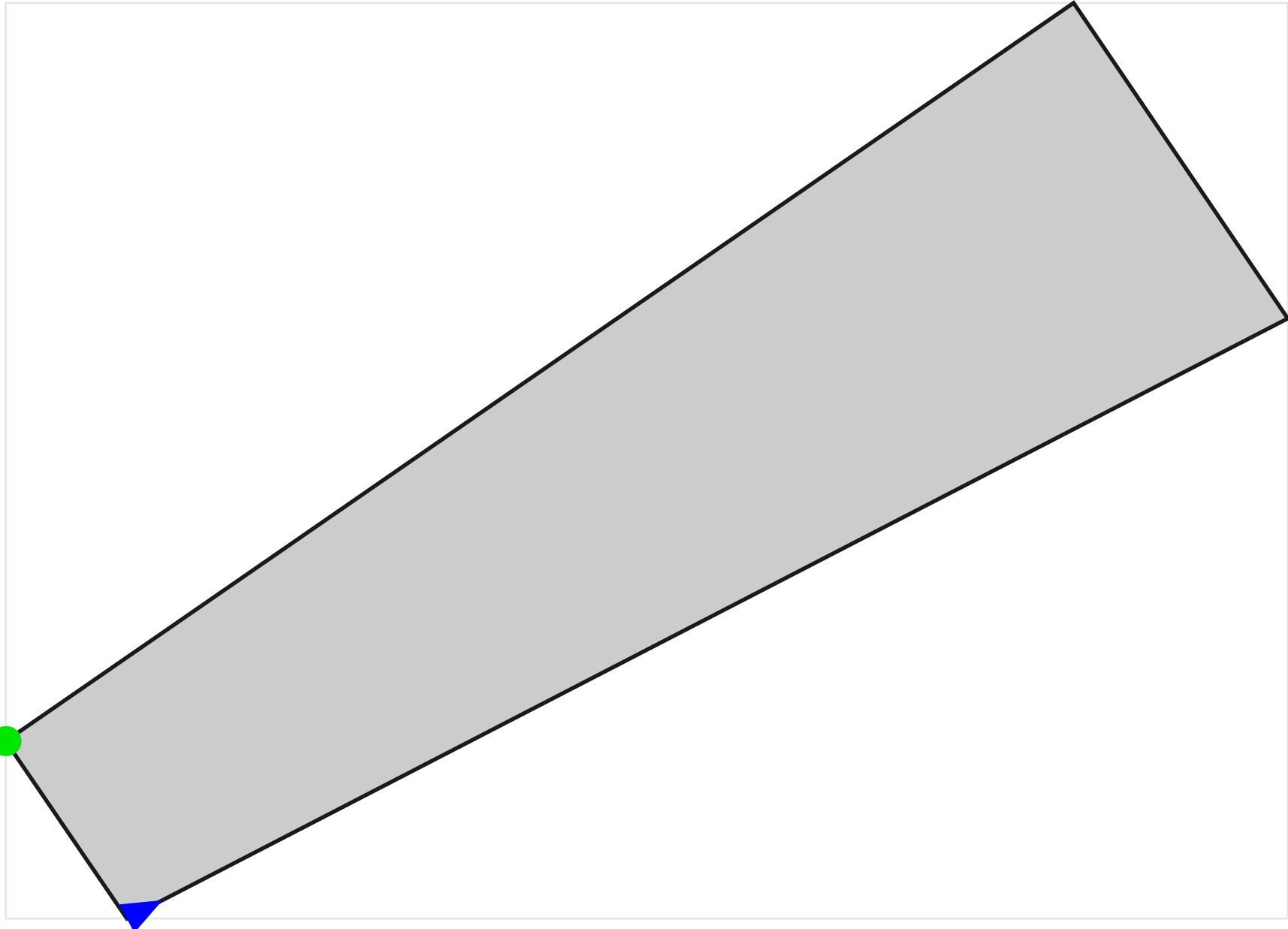
'GRAD=-200.0 opsz=8.0 wght=100.0'



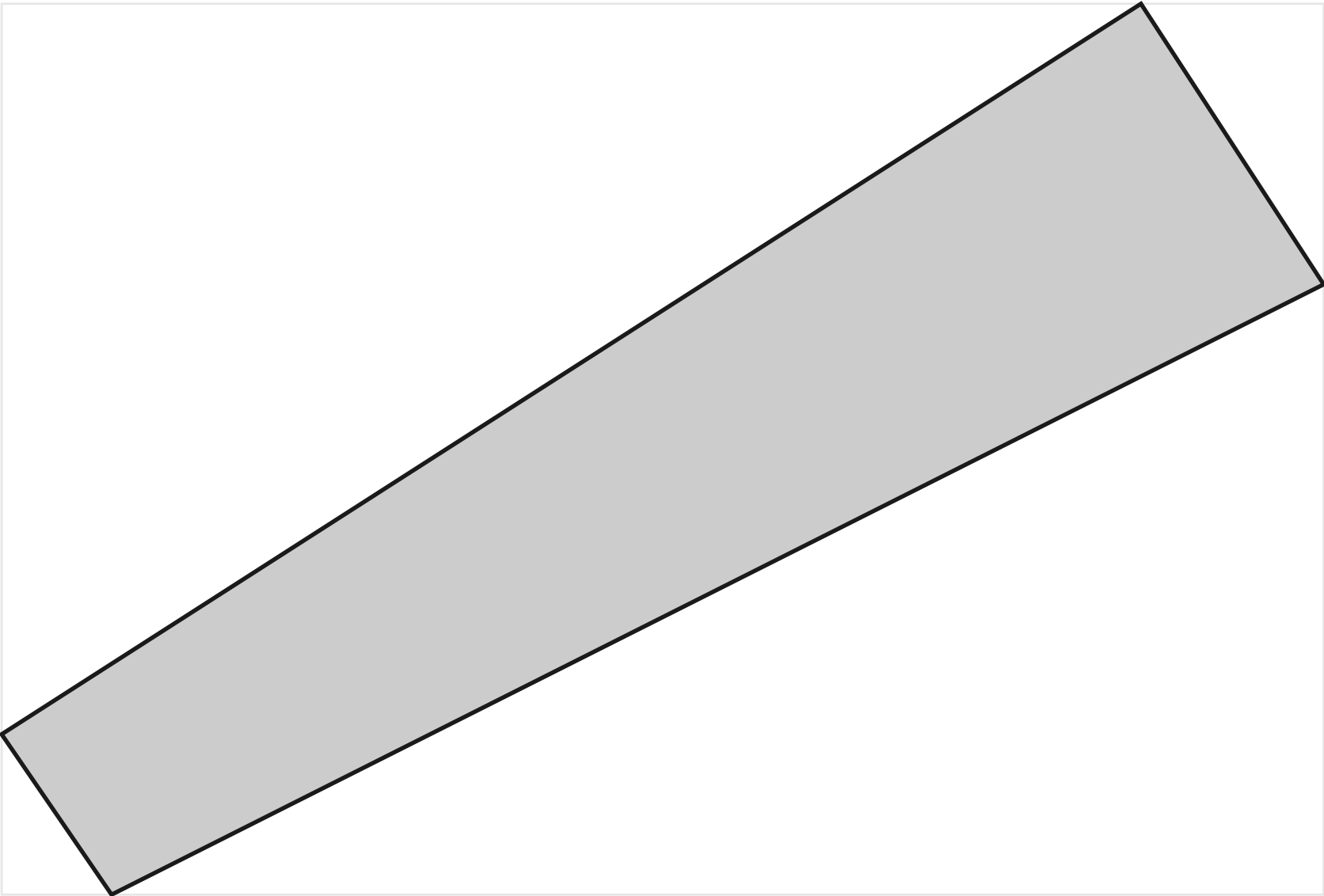
midway interpolation



'GRAD=-200.0 opsz=8.0 width=151.0 wght=100.0'

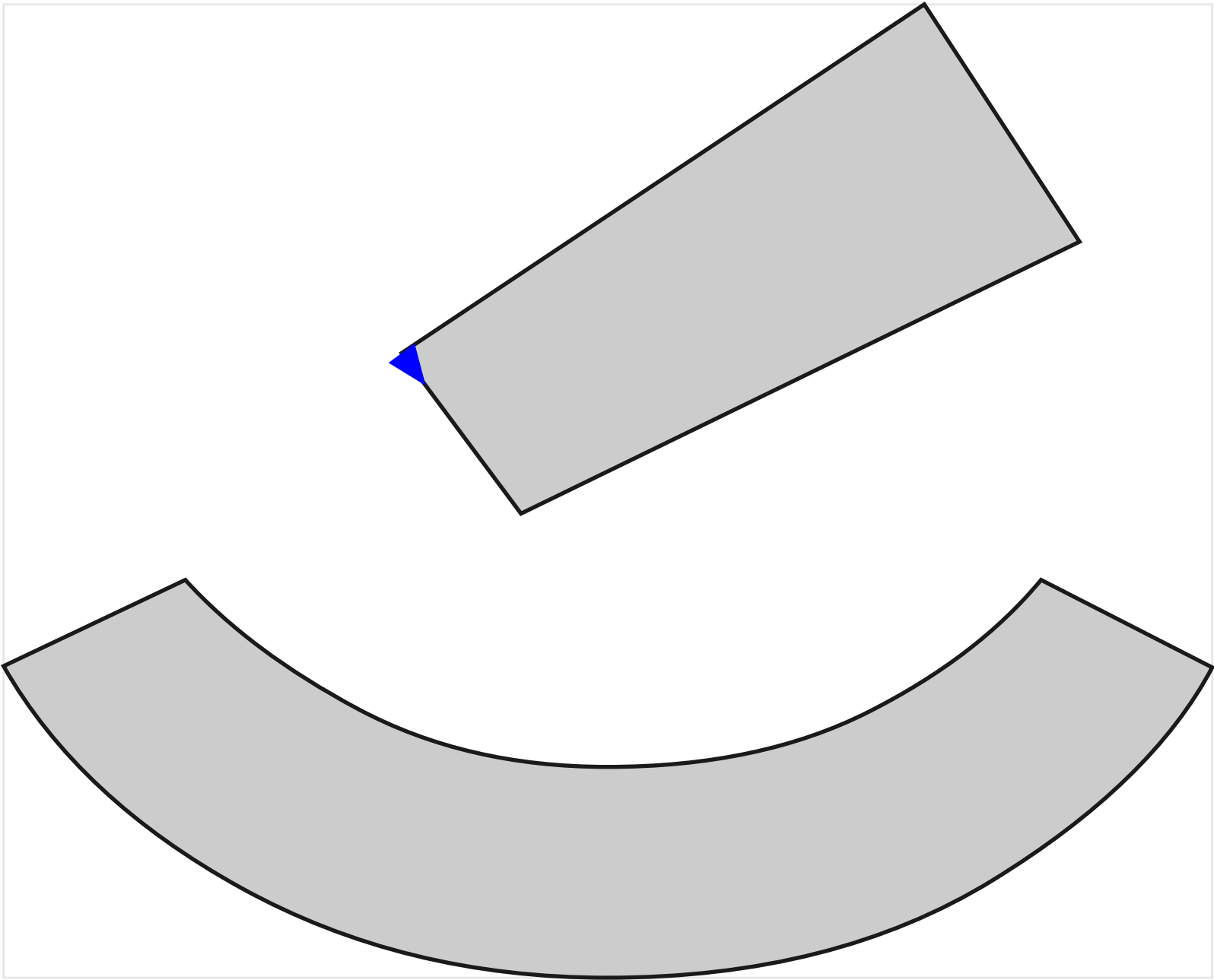


proposed fix

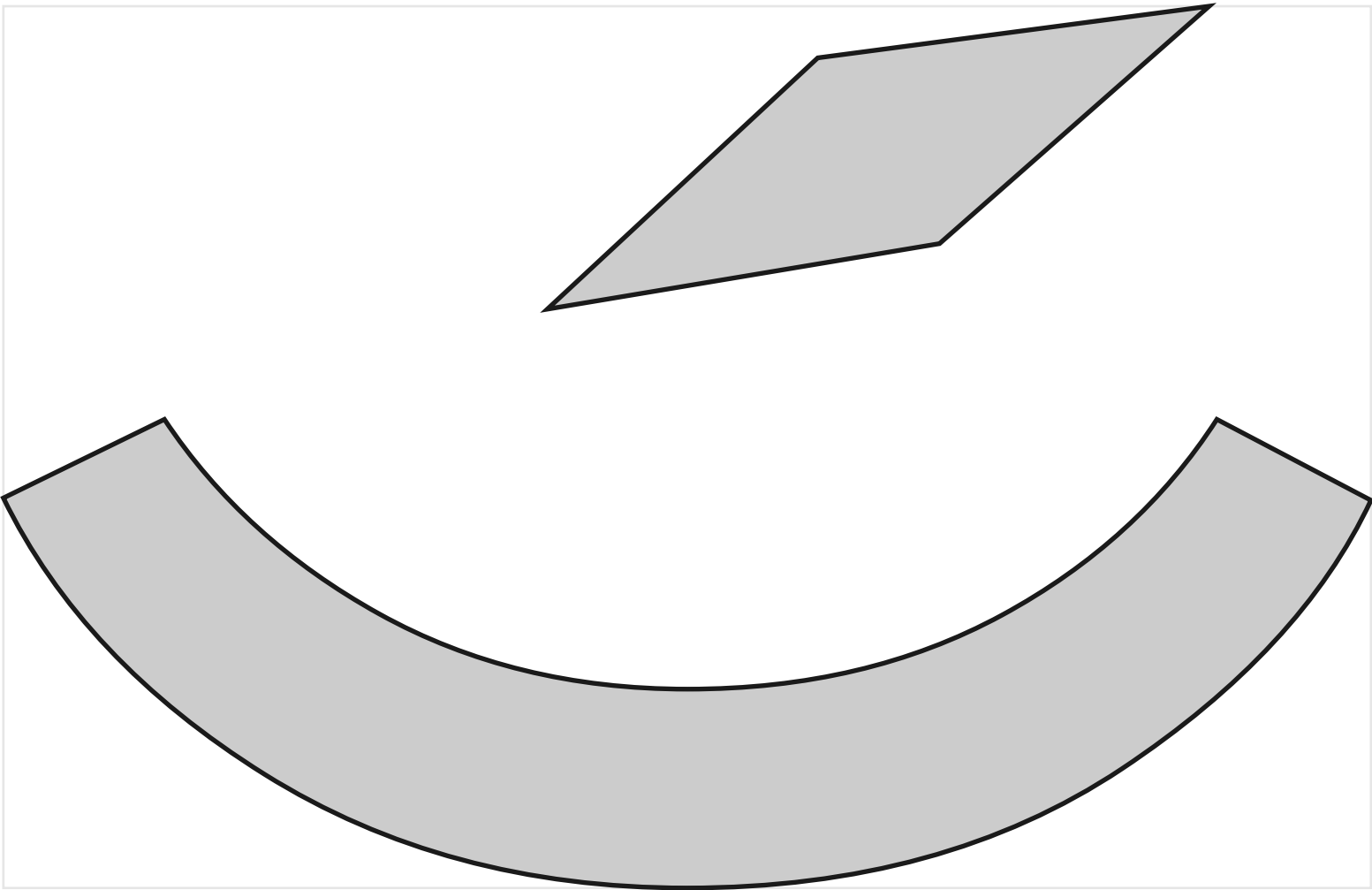


wrong\_start\_point

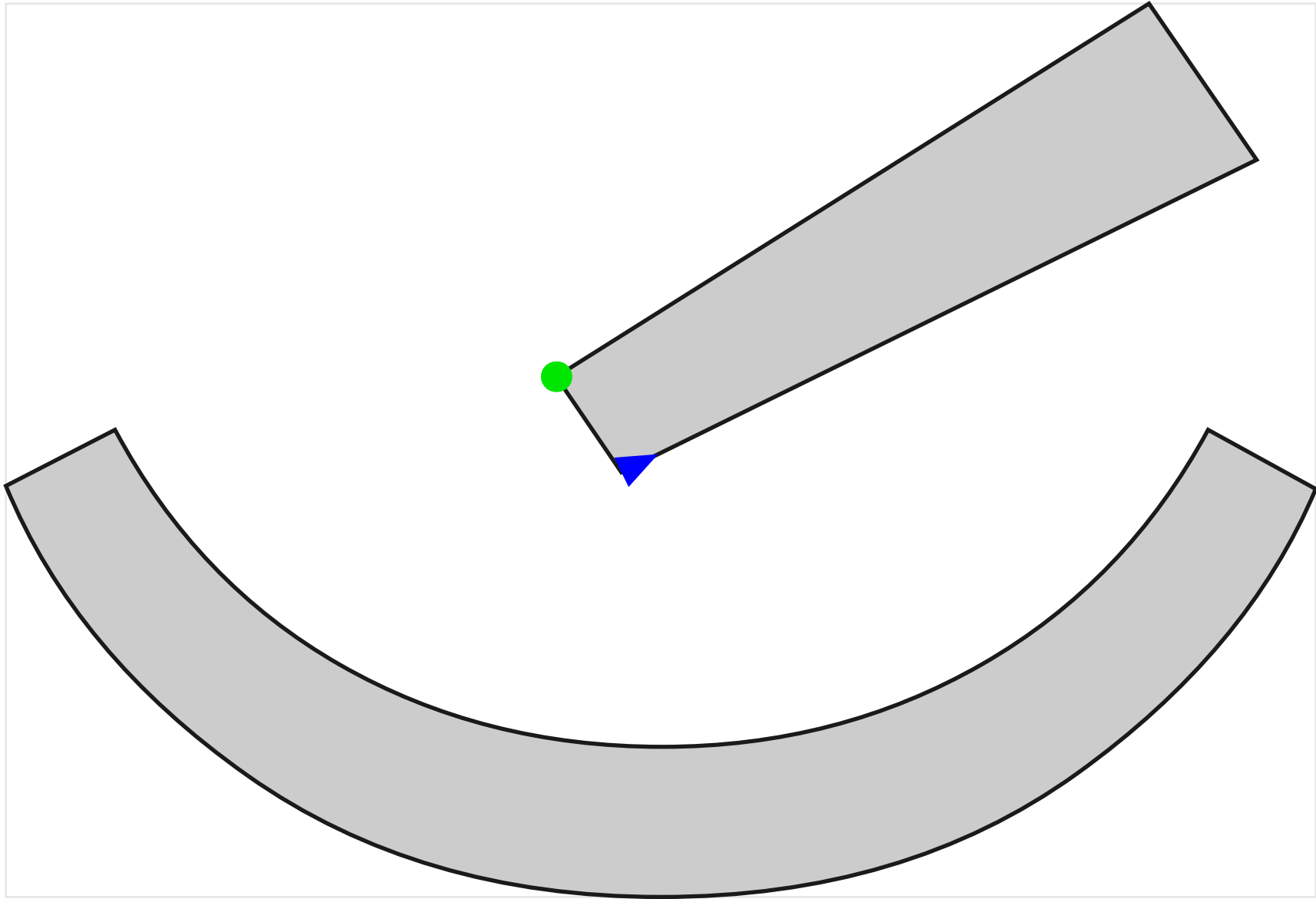
'opsz=8.0 width=151.0'



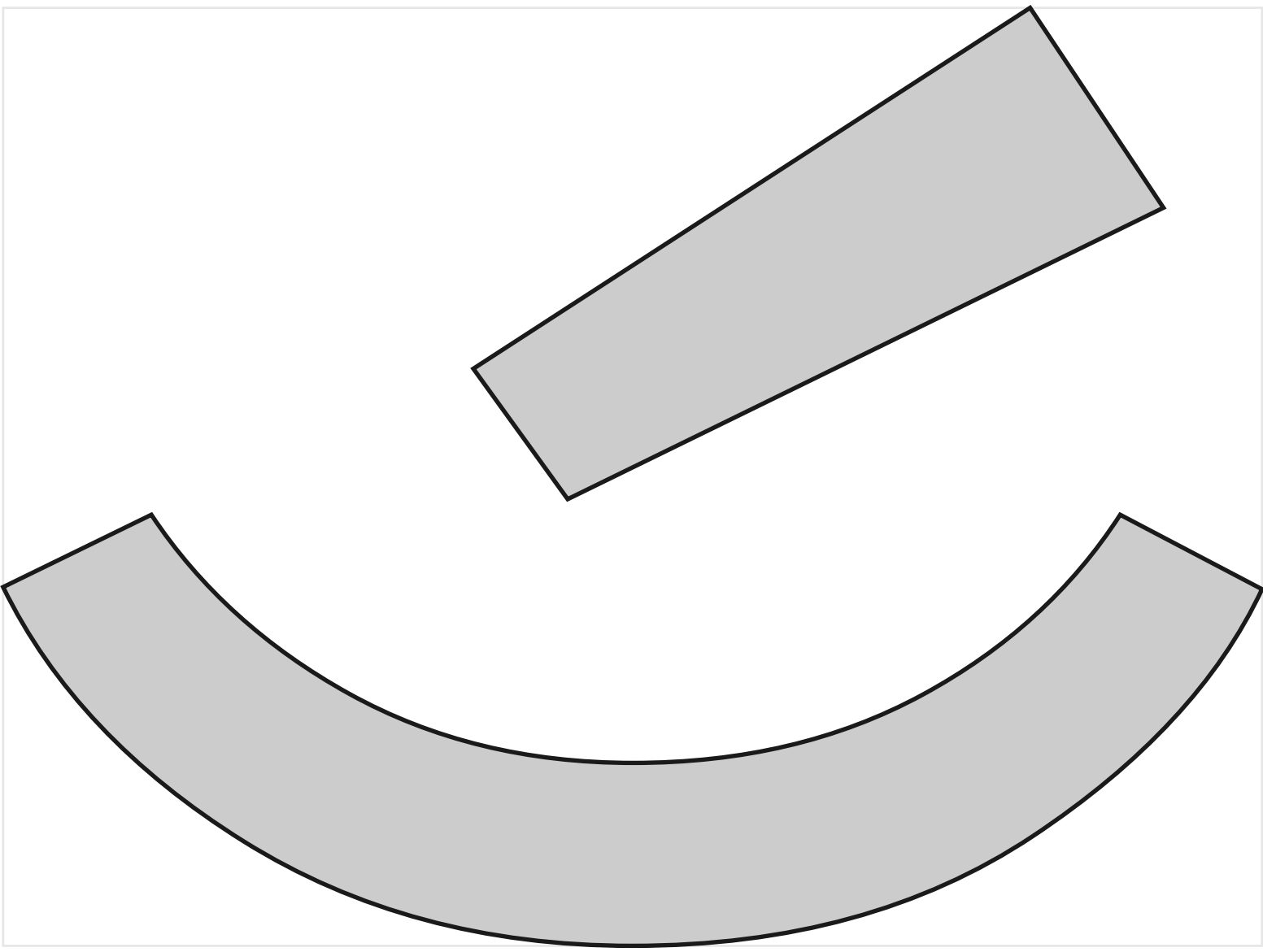
midway interpolation



'opsz=8.0 width=151.0 wght=100.0'

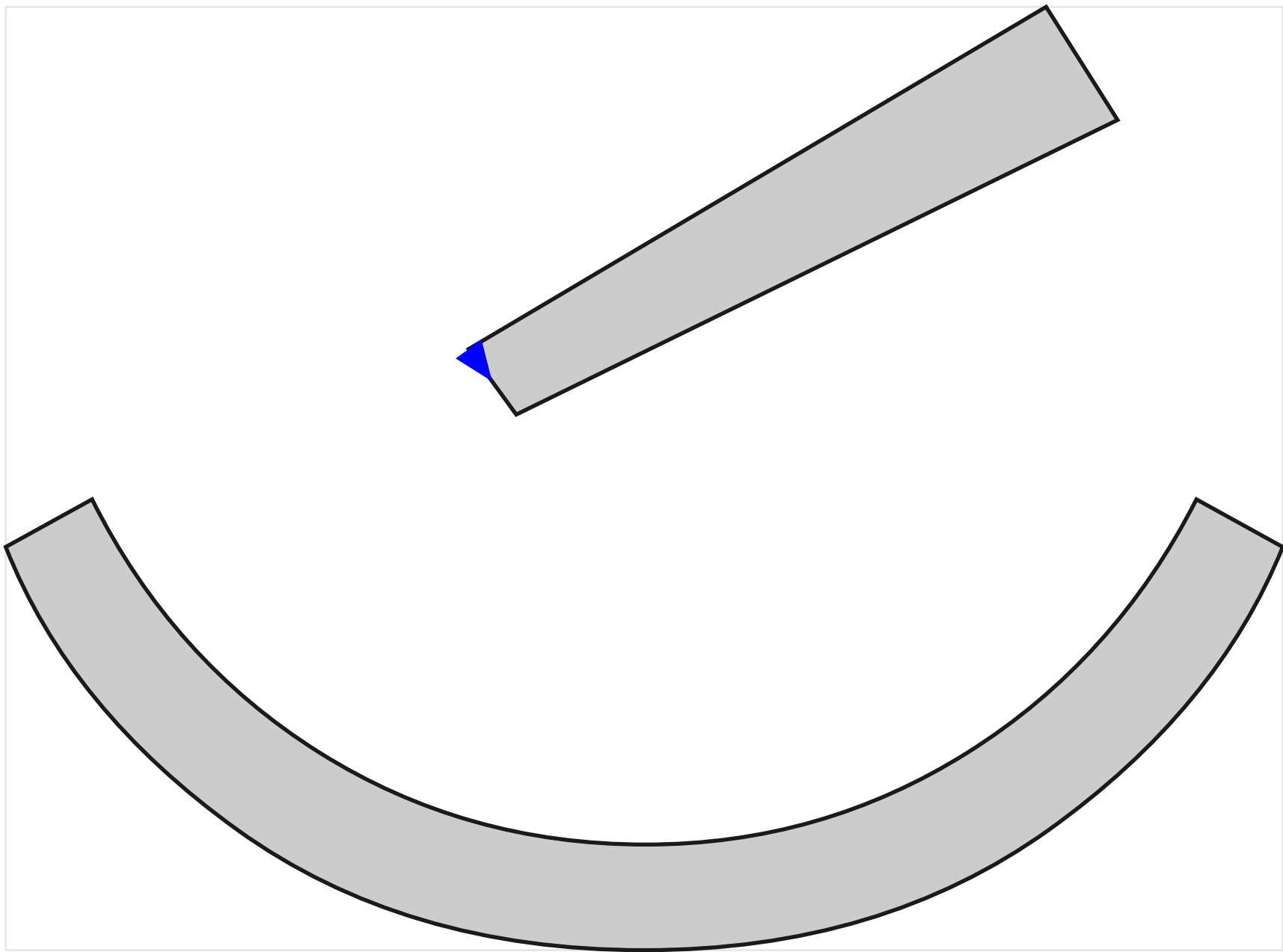


proposed fix

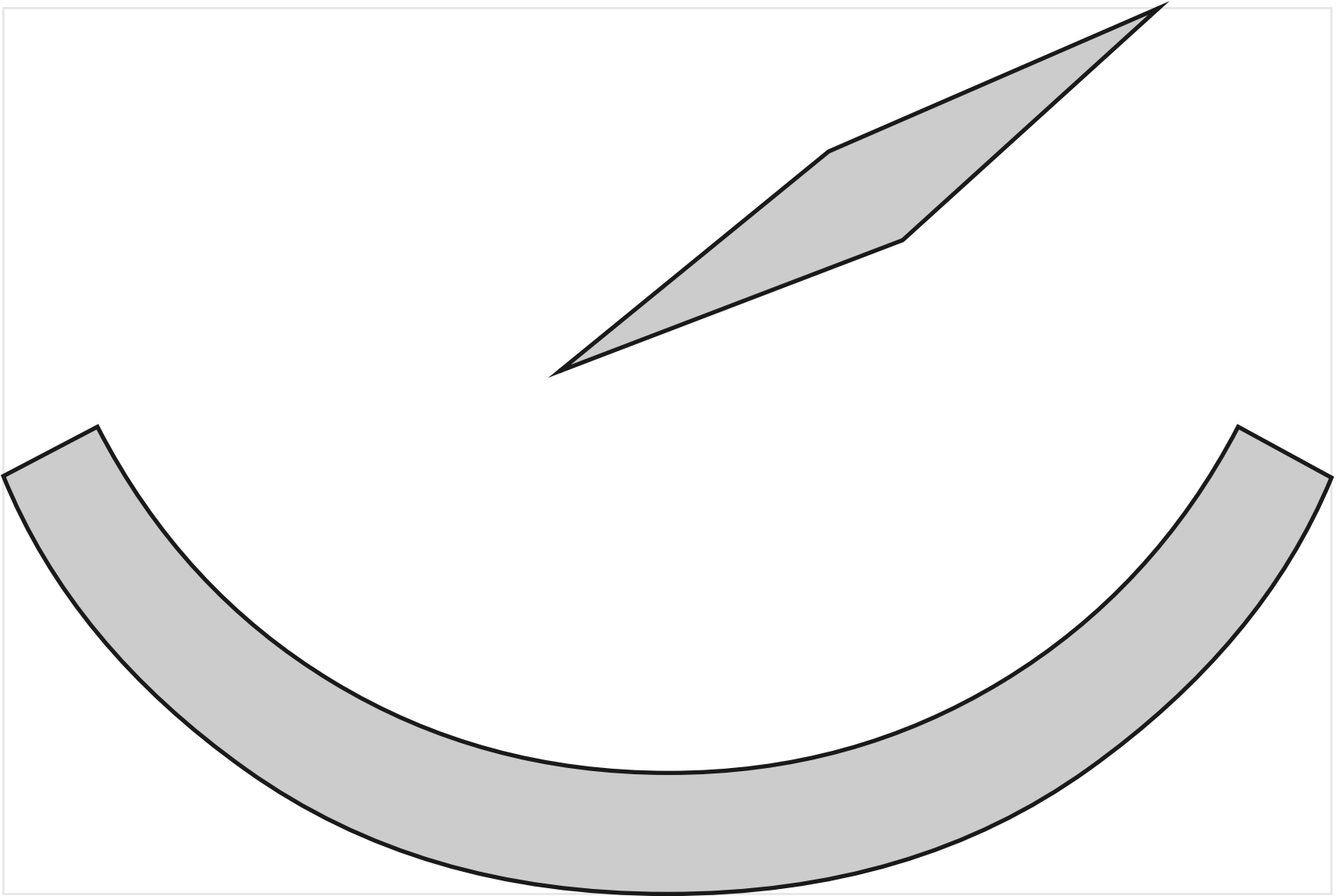


wrong\_start\_point

'GRAD=-200.0 opsz=8.0 wght=100.0'

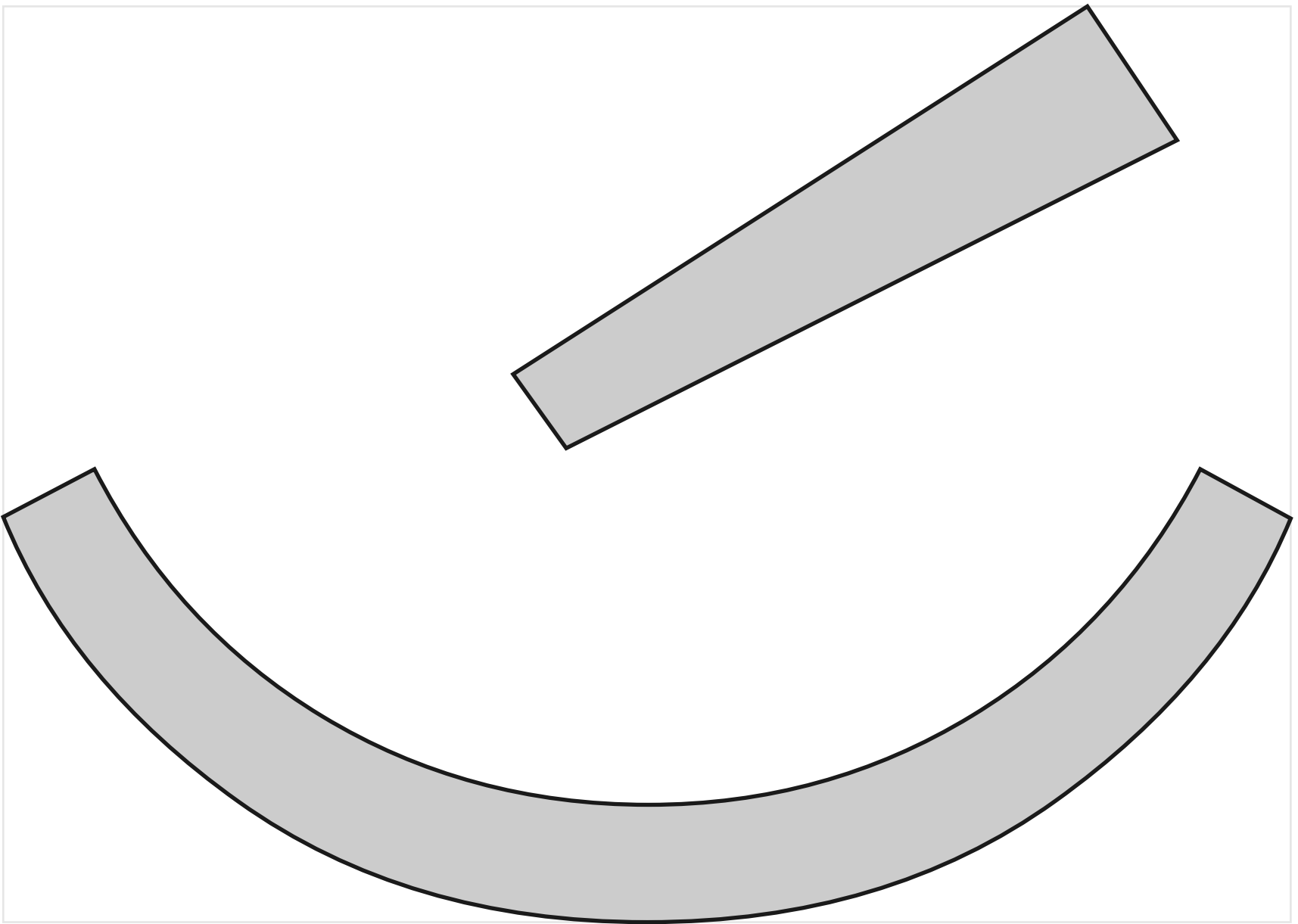
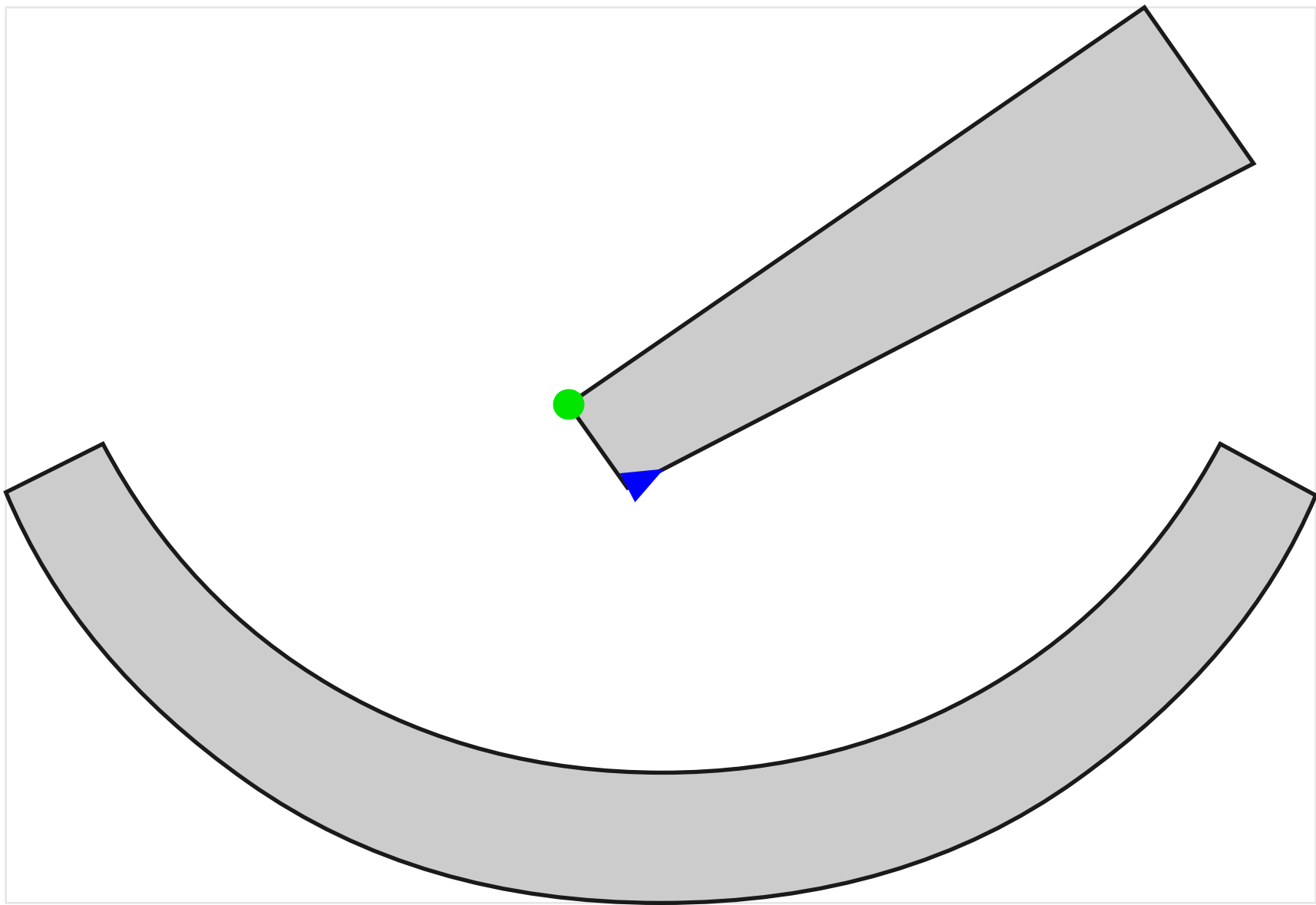


midway interpolation



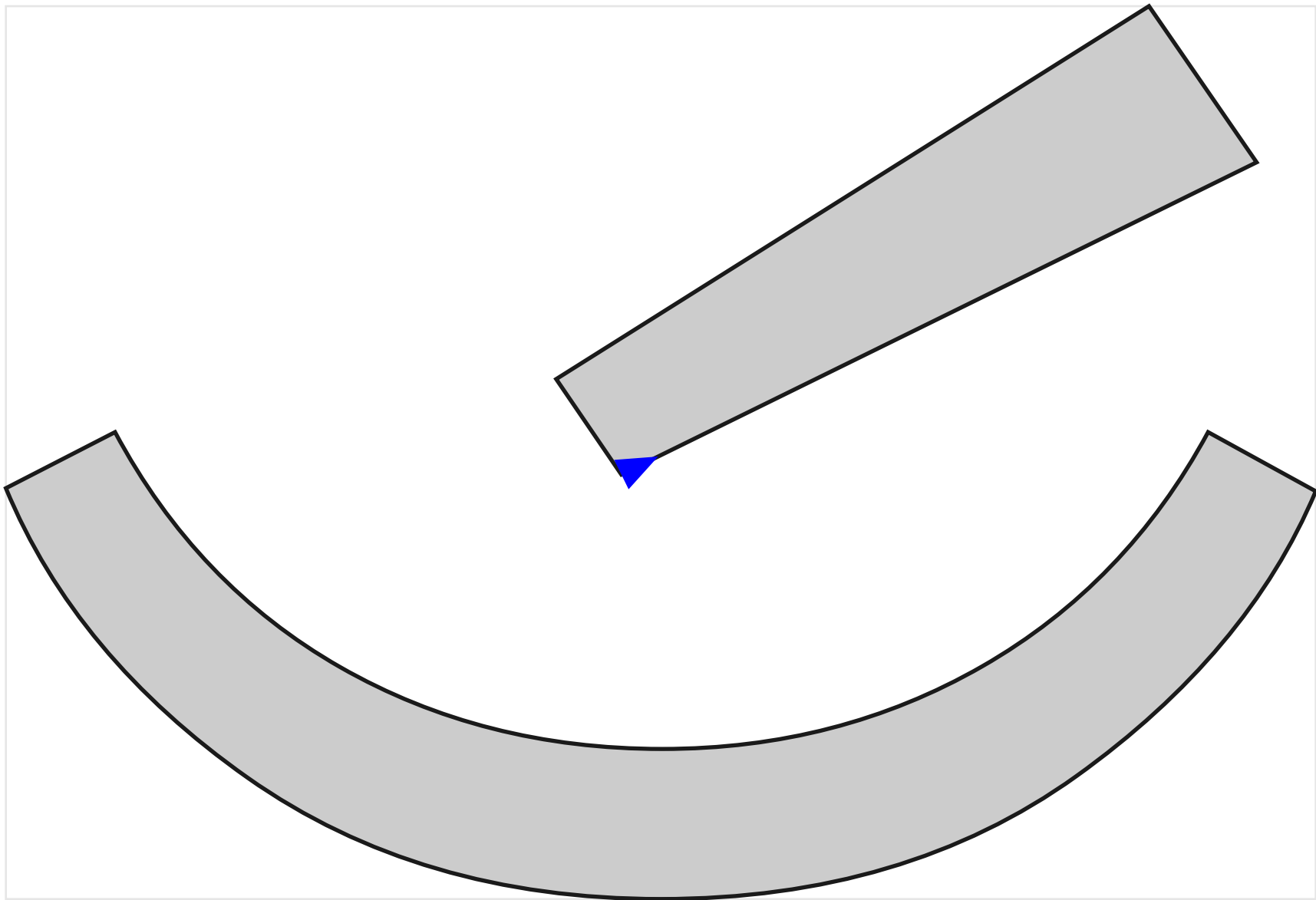
'GRAD=-200.0 opsz=8.0 width=151.0 wght=100.0'

proposed fix

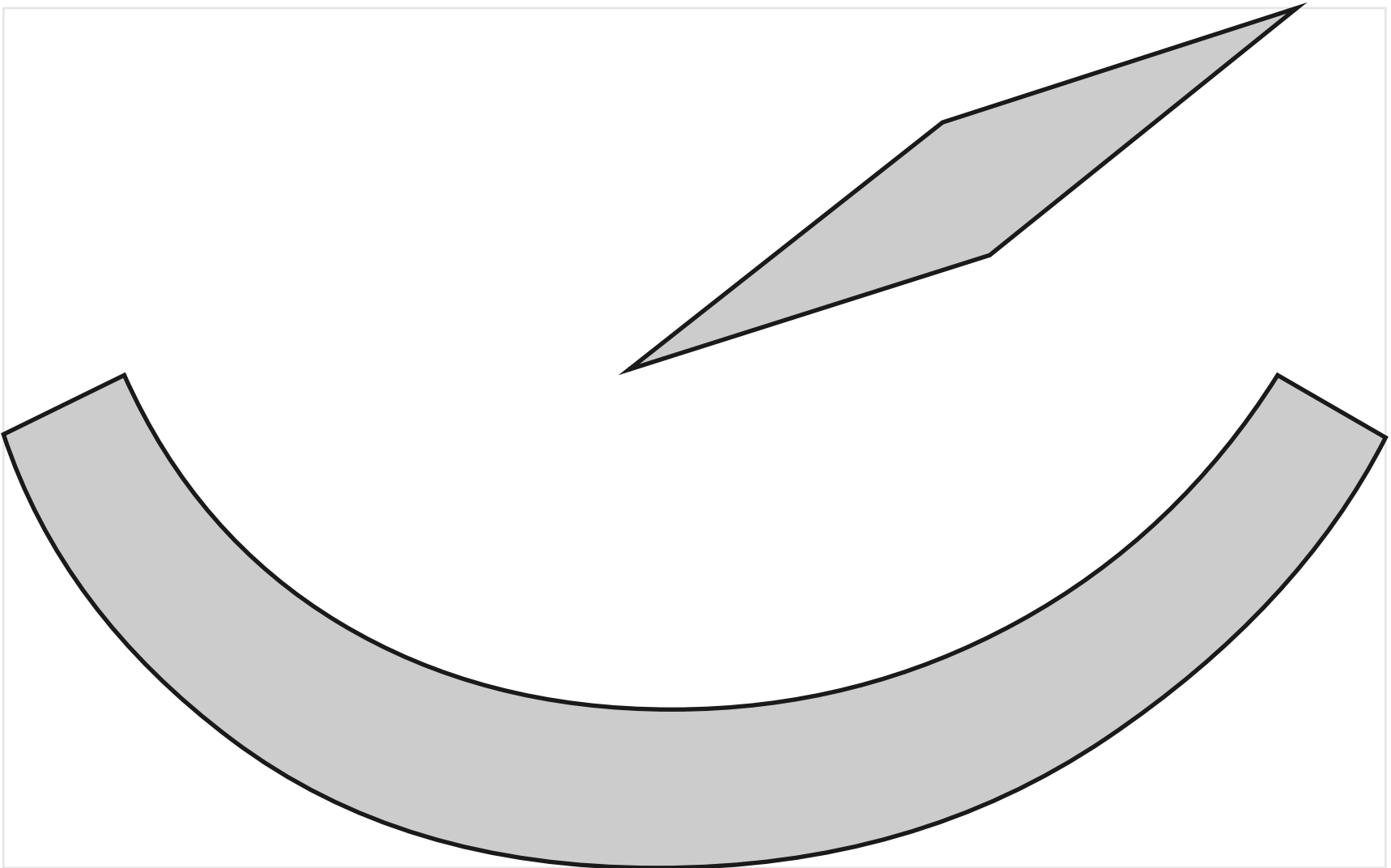


wrong\_start\_point

'opsz=8.0 width=151.0 wght=100.0'

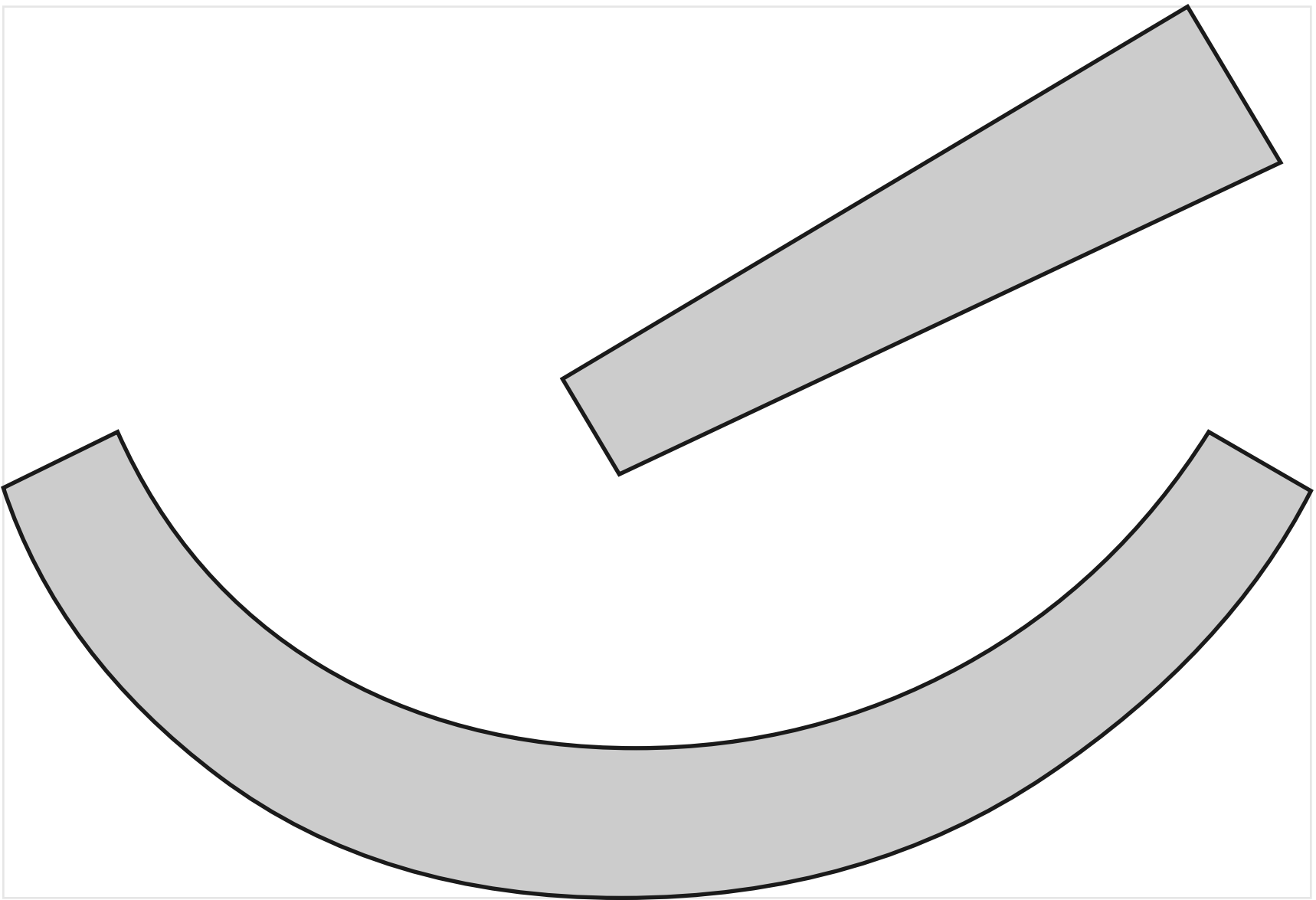
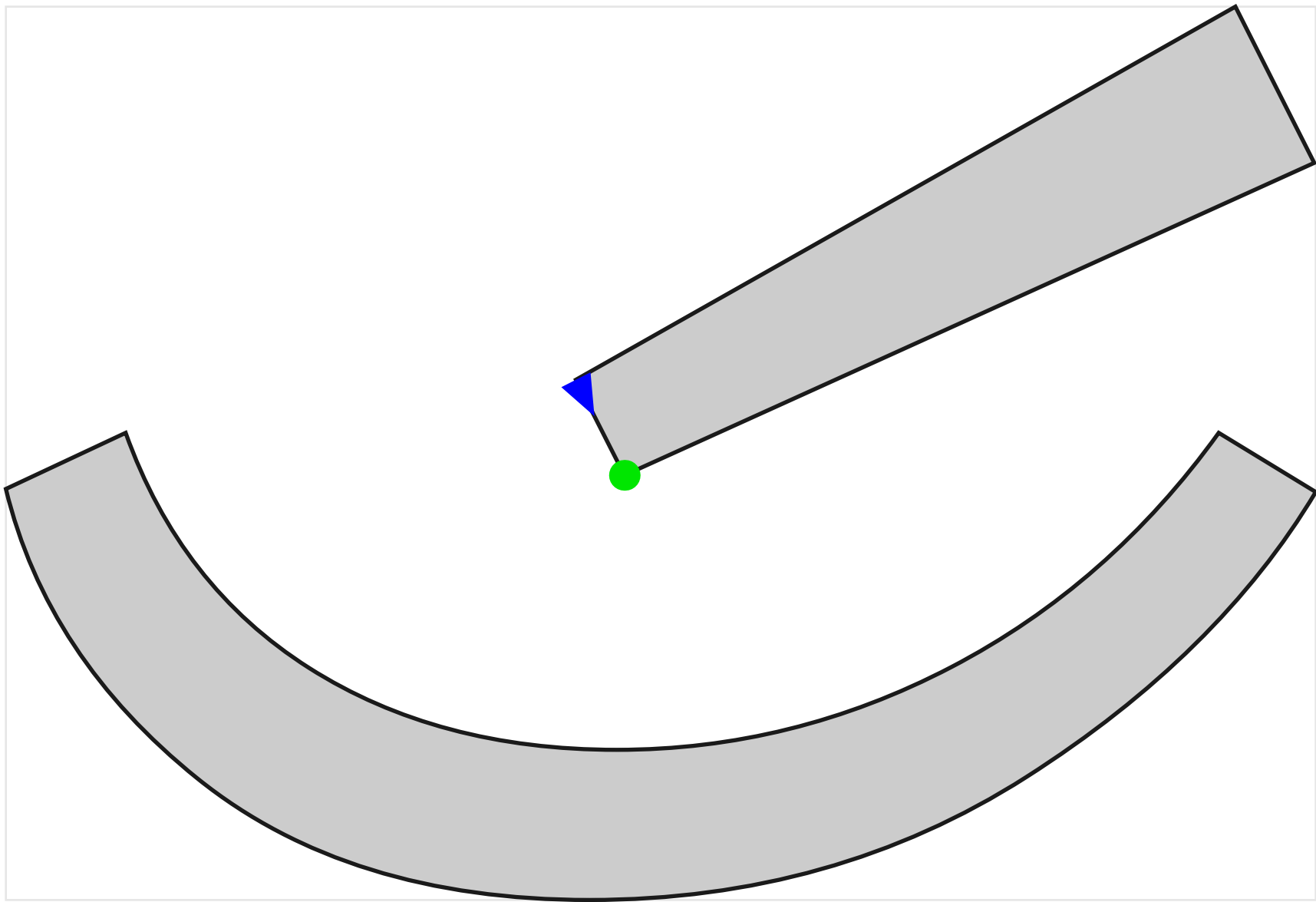


midway interpolation



'opsz=8.0 slnt=-10.0 width=151.0 wght=100.0'

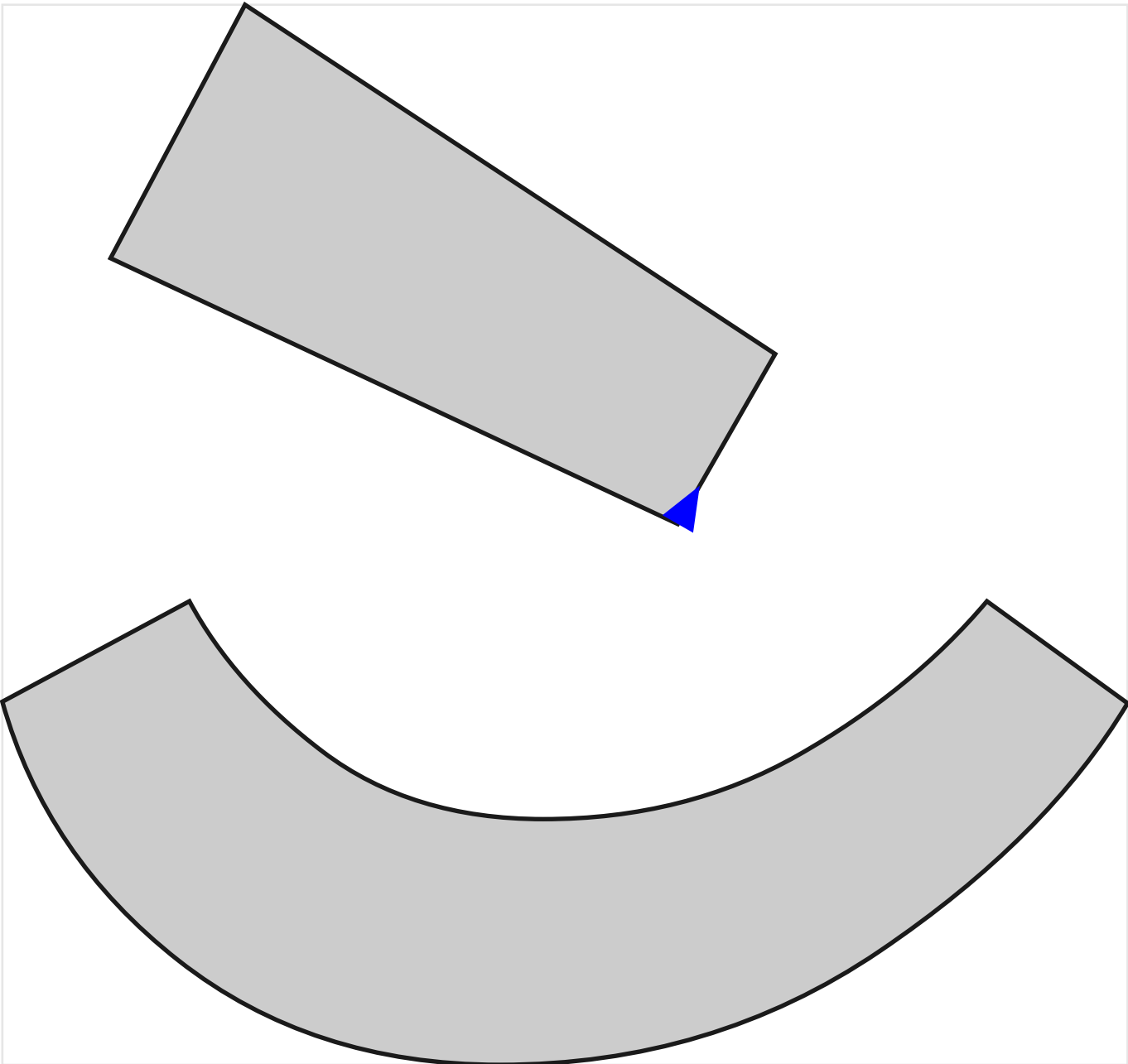
proposed fix



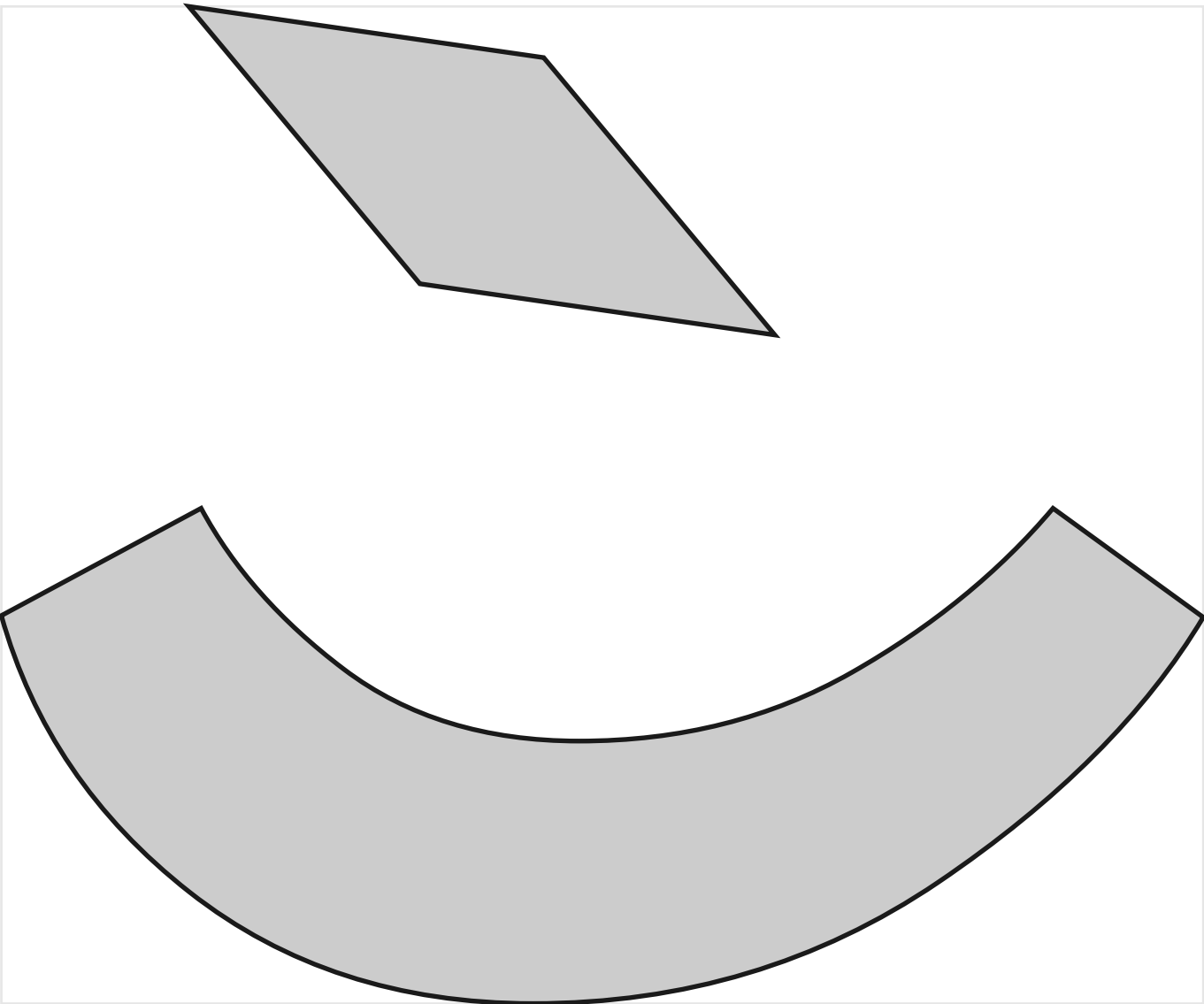


wrong\_start\_point

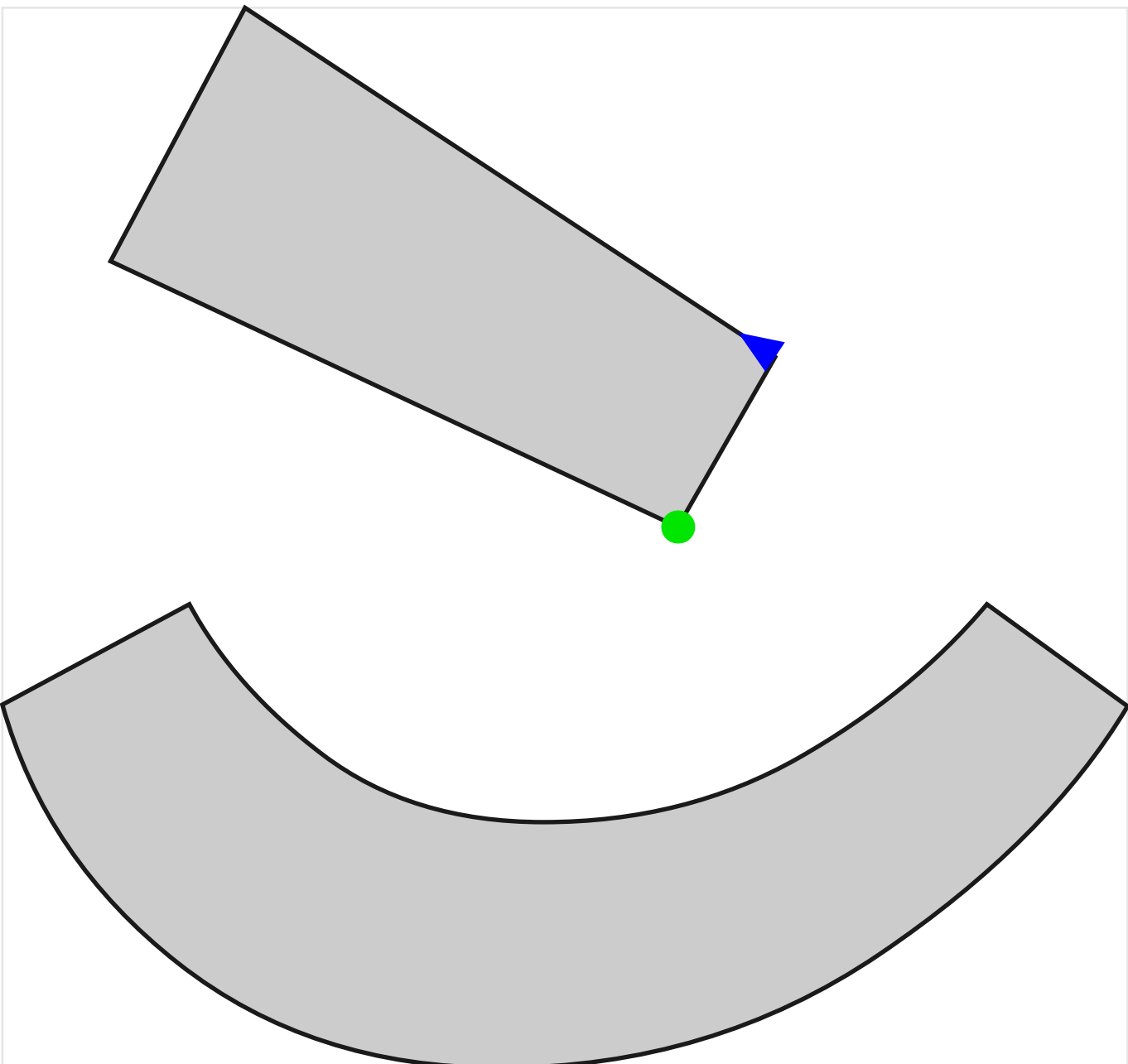
'slnt=-10.0'



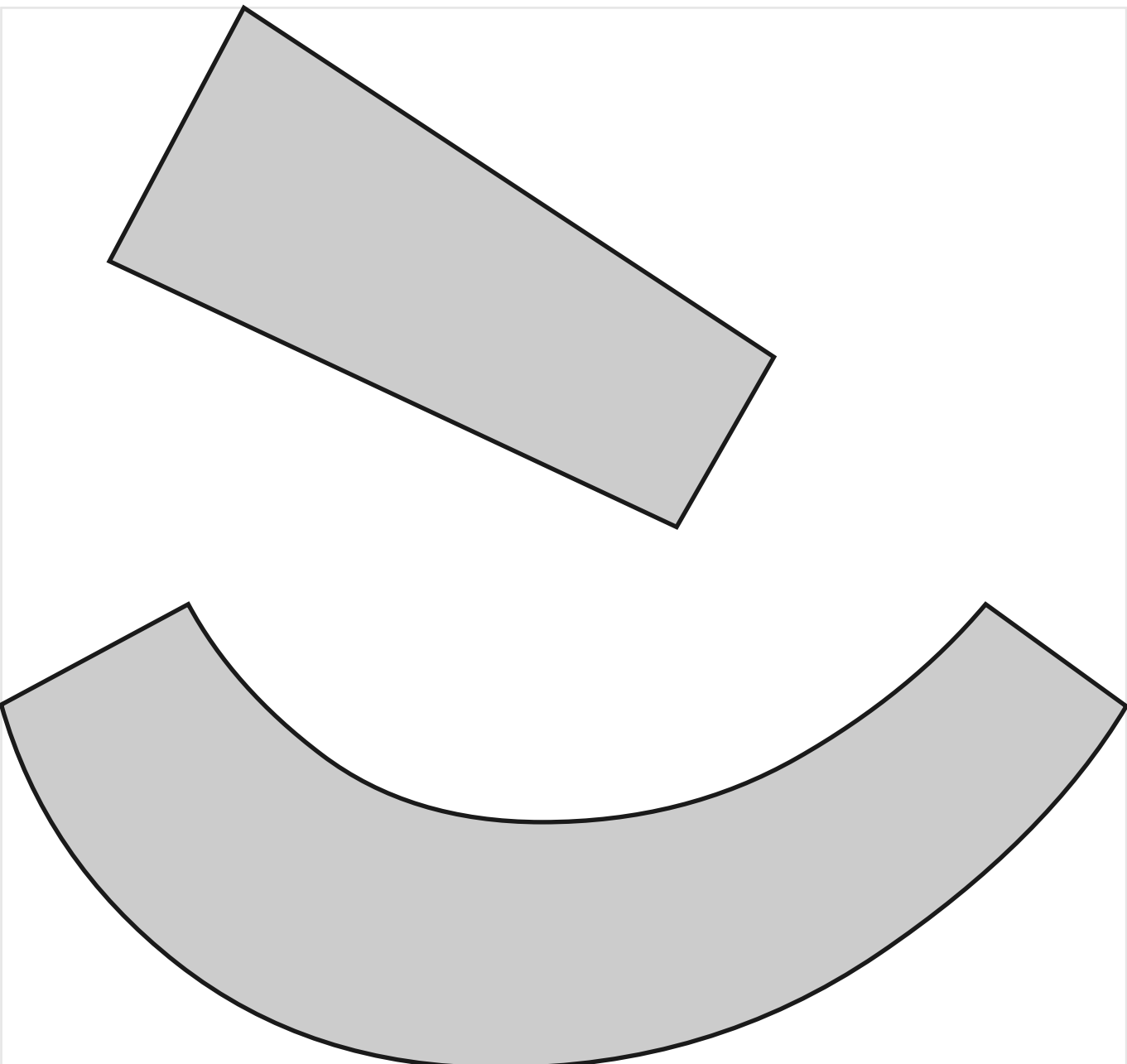
midway interpolation



'slnt=-10.0 width=151.0'

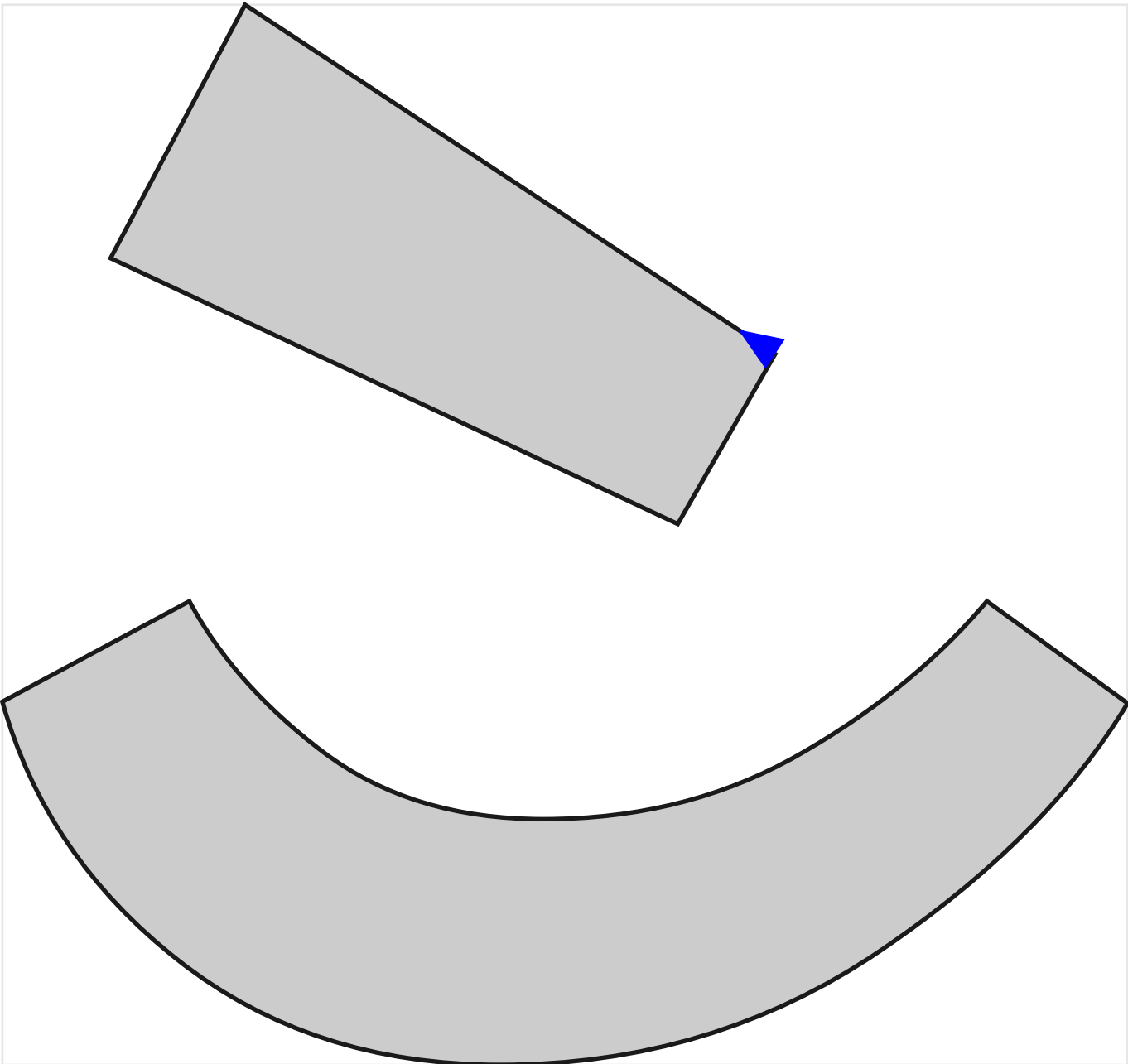


proposed fix

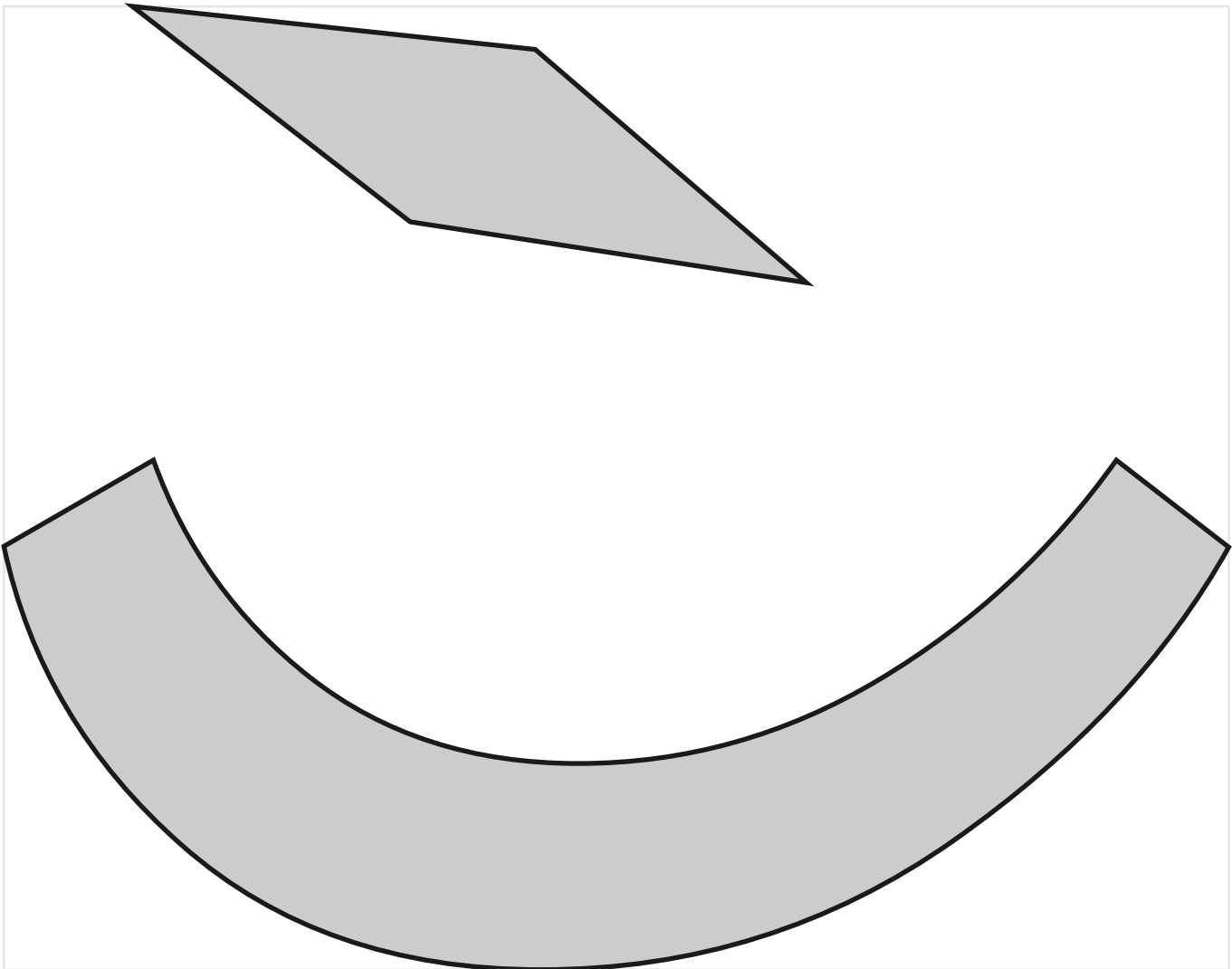


wrong\_start\_point

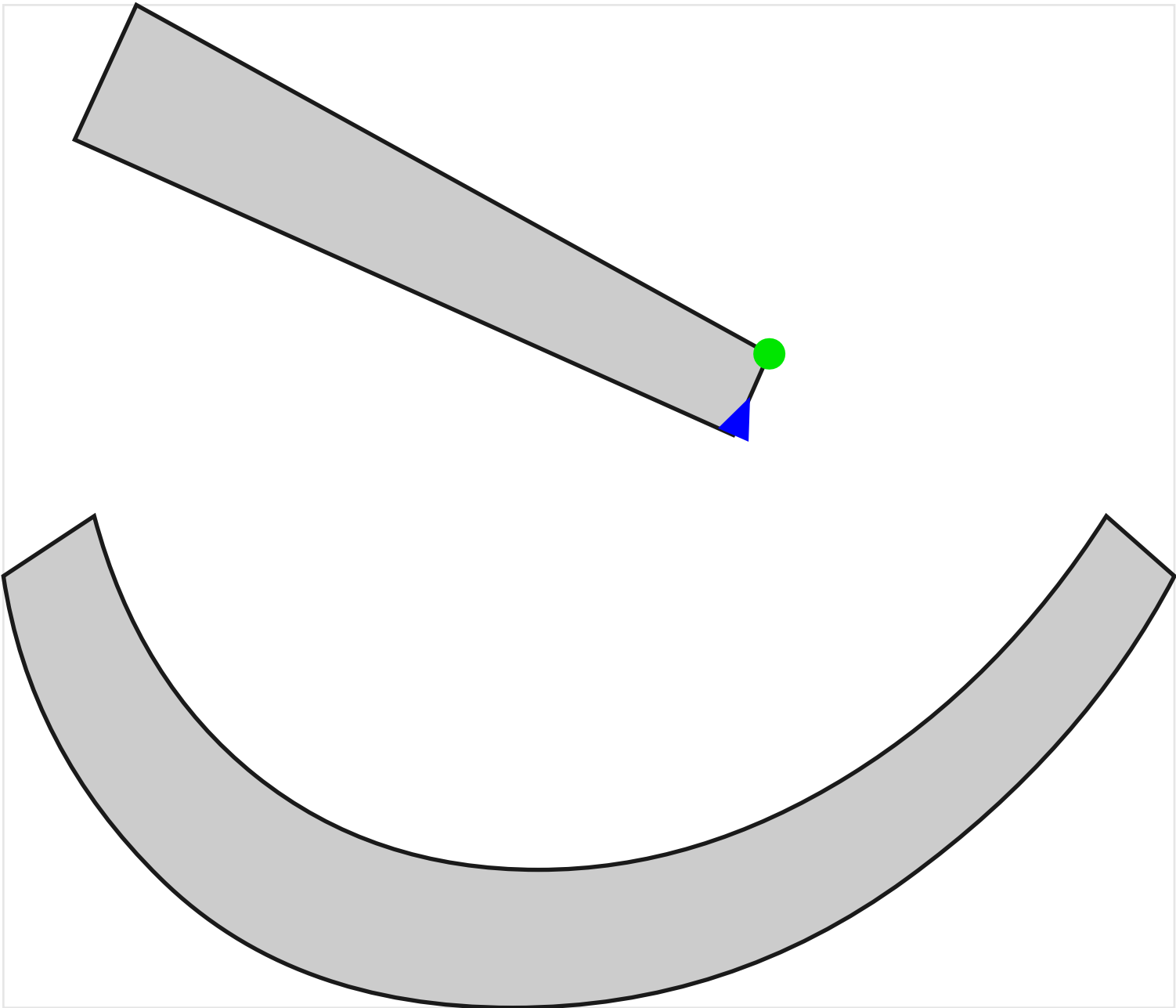
'slnt=-10.0 width=151.0'



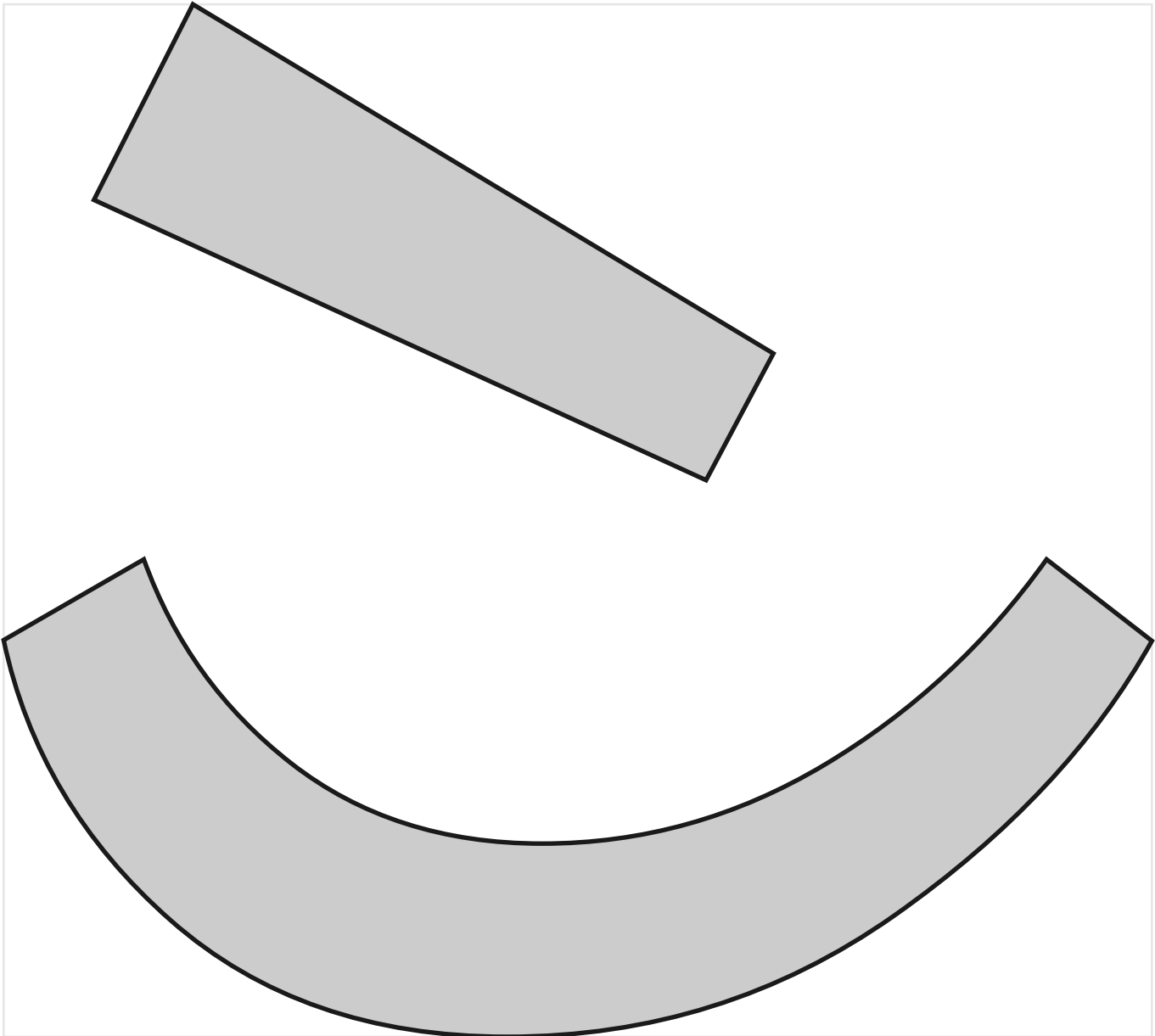
midway interpolation



'slnt=-10.0 width=151.0 wght=100.0'

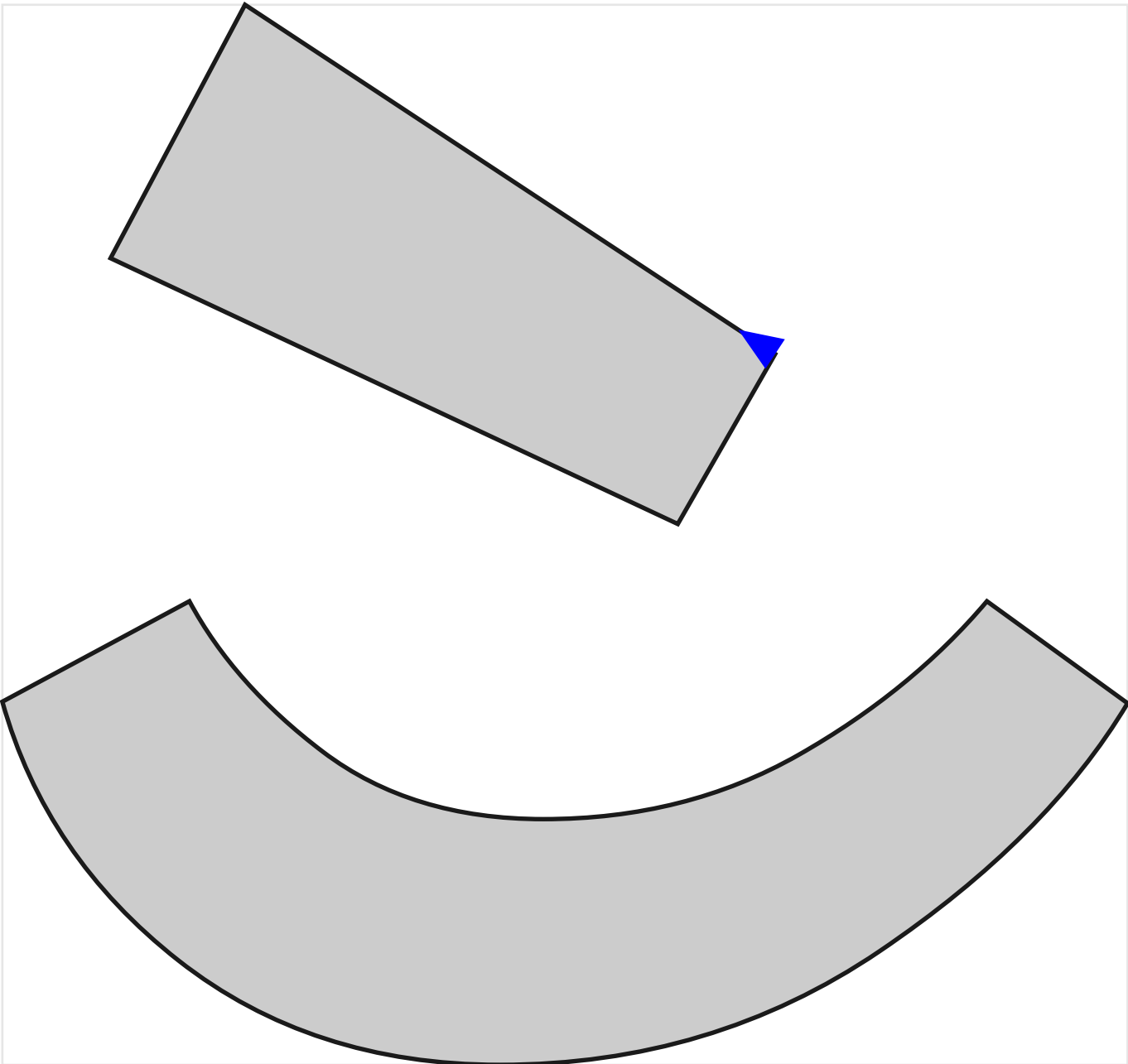


proposed fix

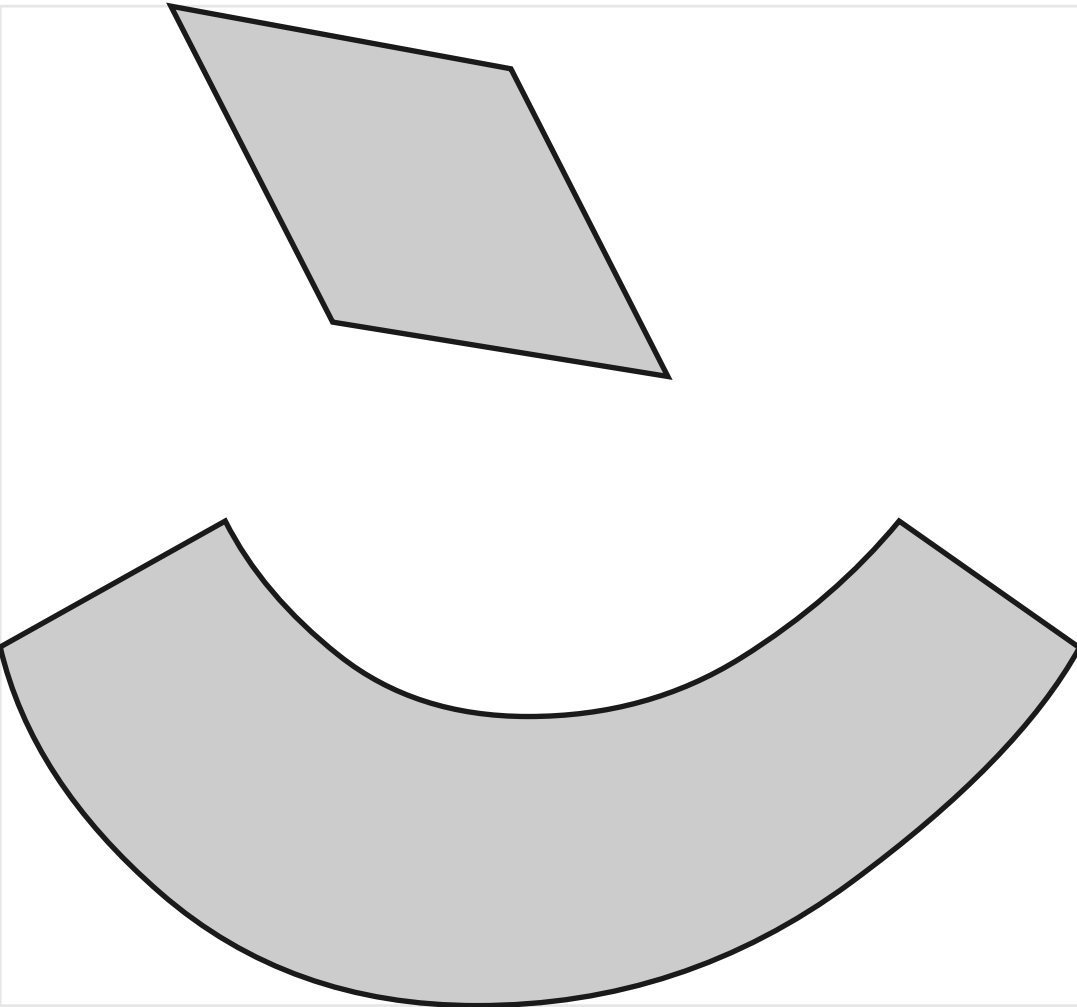


wrong\_start\_point

'slnt=-10.0 width=151.0'

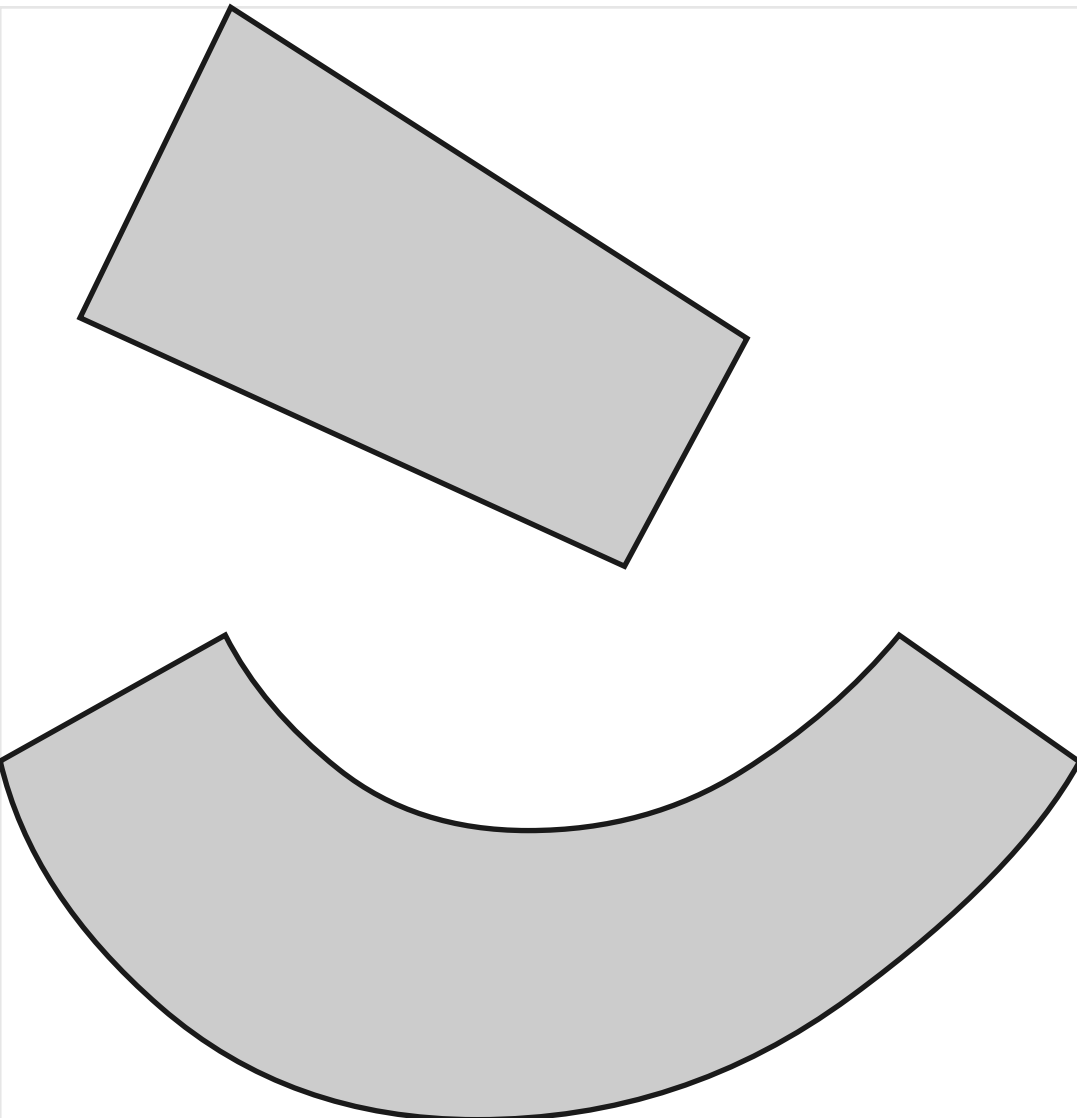
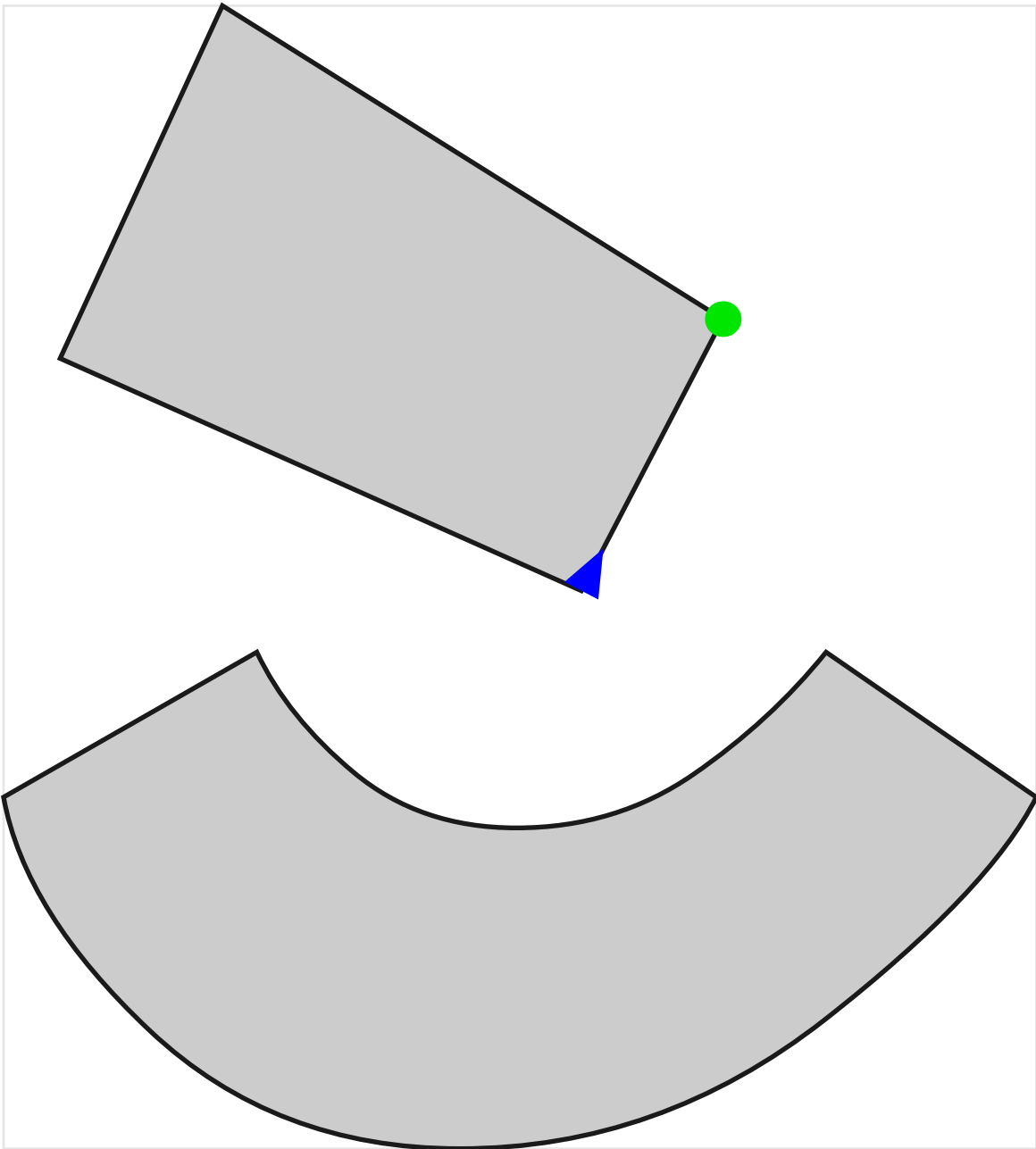


midway interpolation



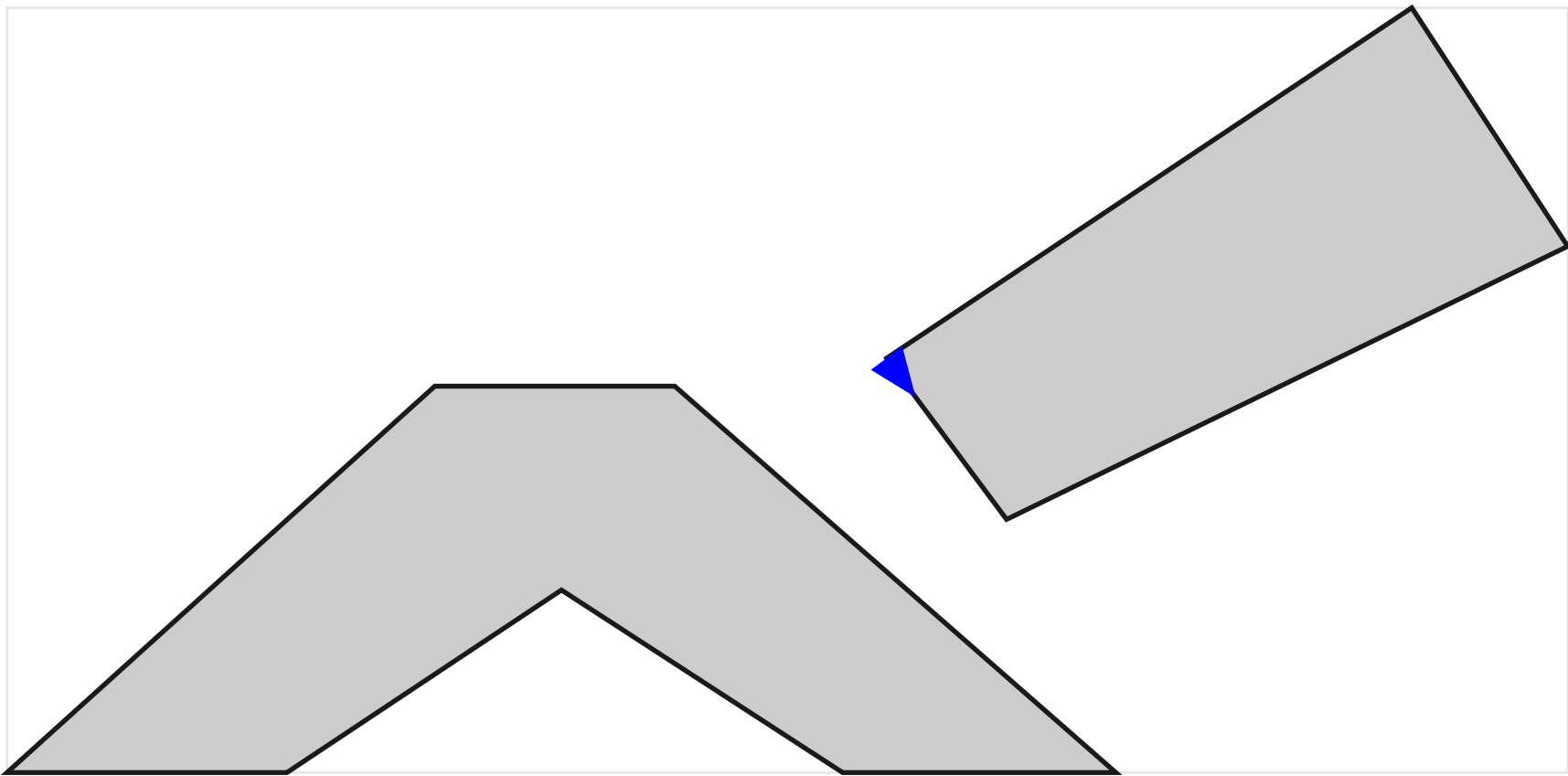
'slnt=-10.0 width=151.0 wght=1000.0'

proposed fix

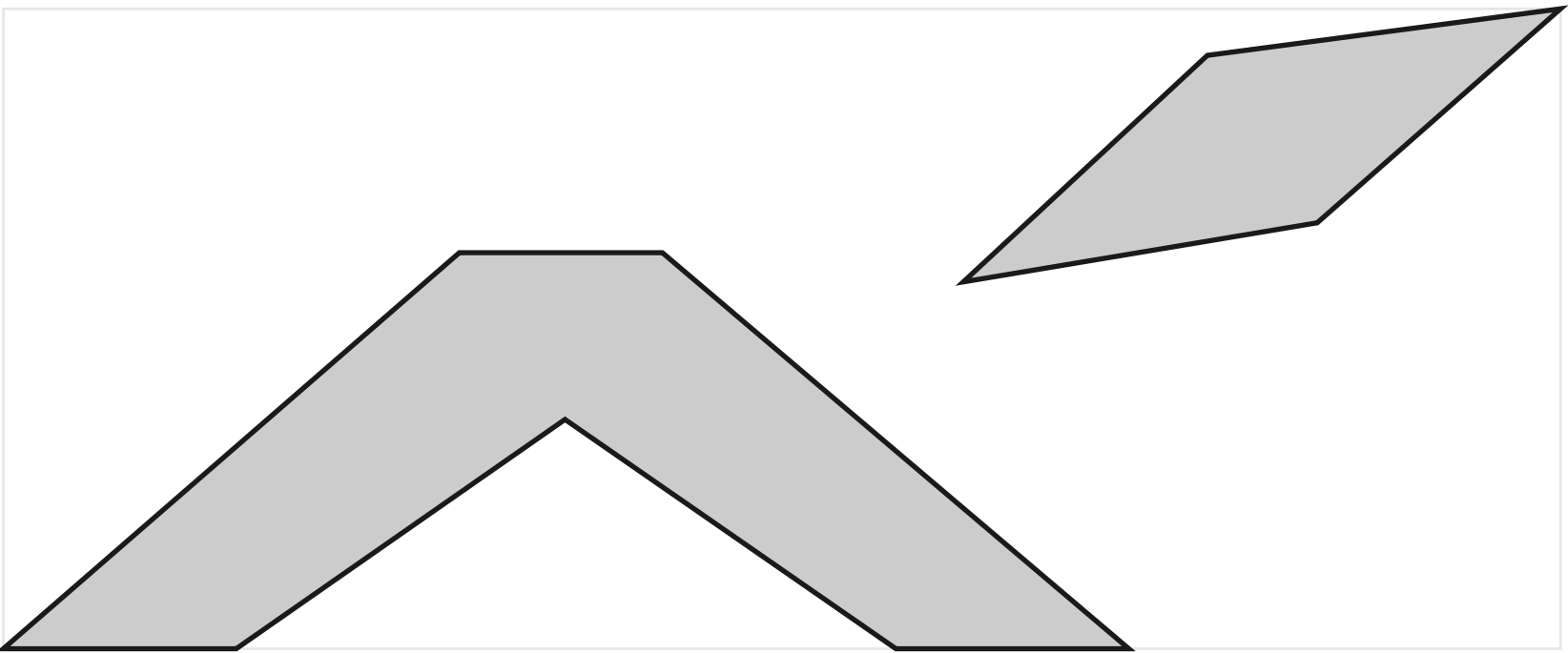


wrong\_start\_point

'opsz=8.0 width=151.0'

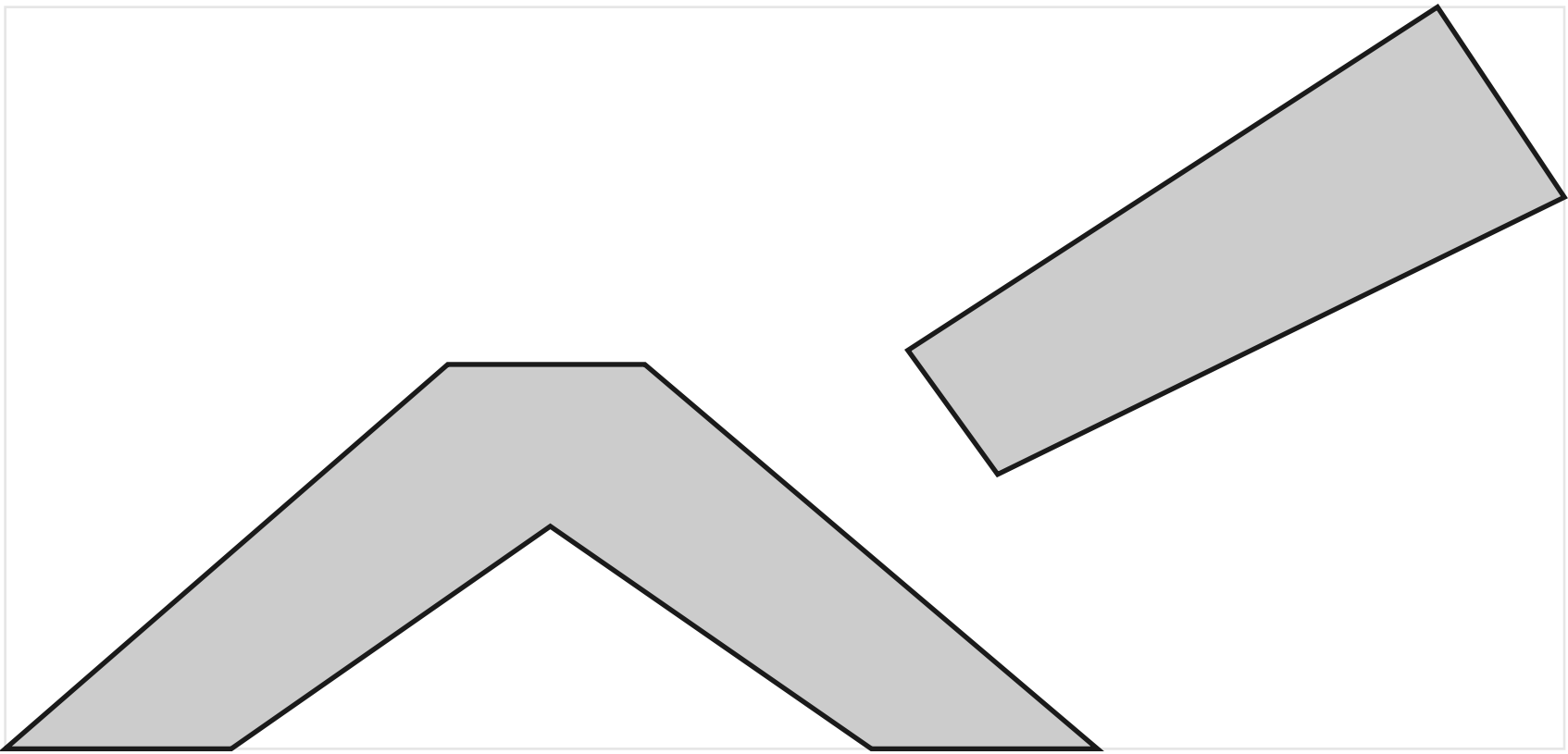
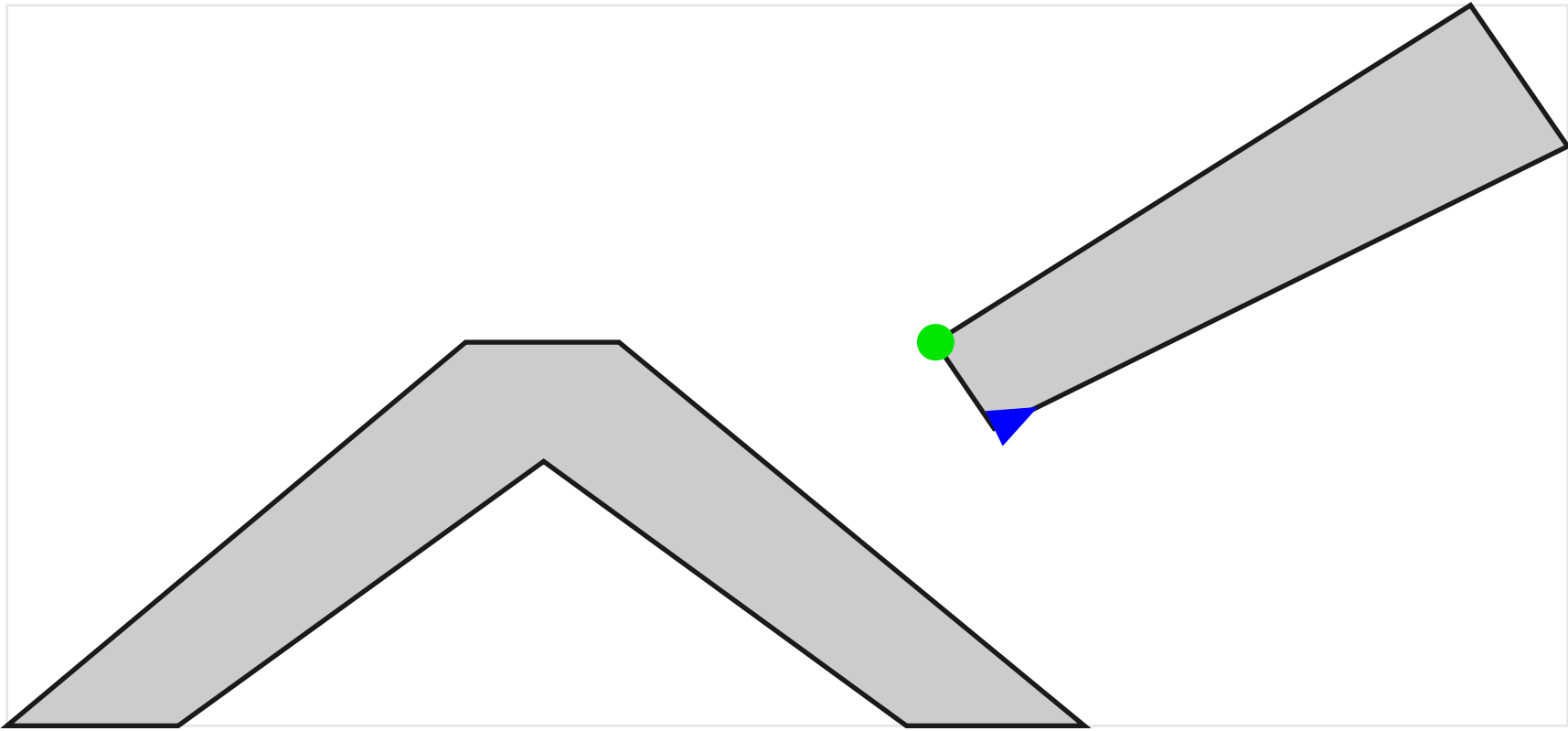


midway interpolation



'opsz=8.0 width=151.0 wght=100.0'

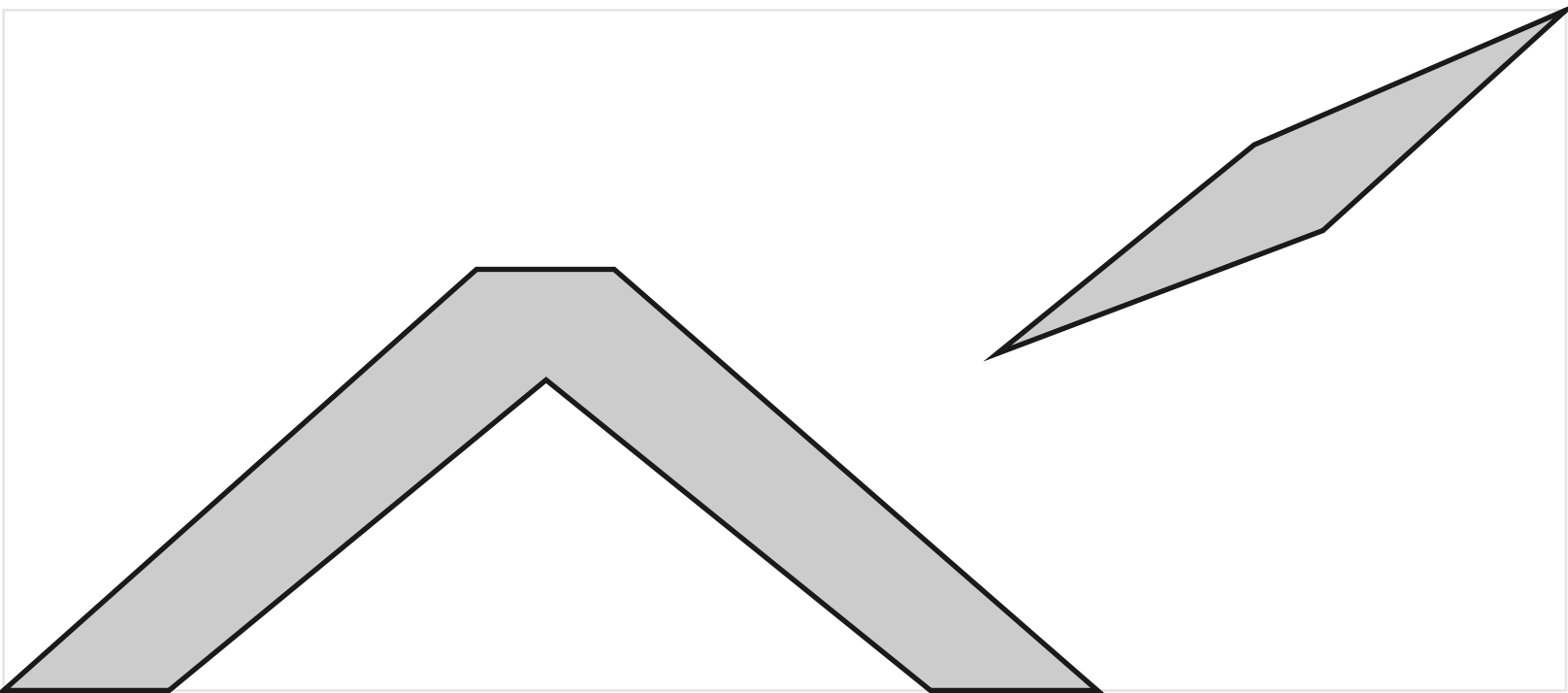
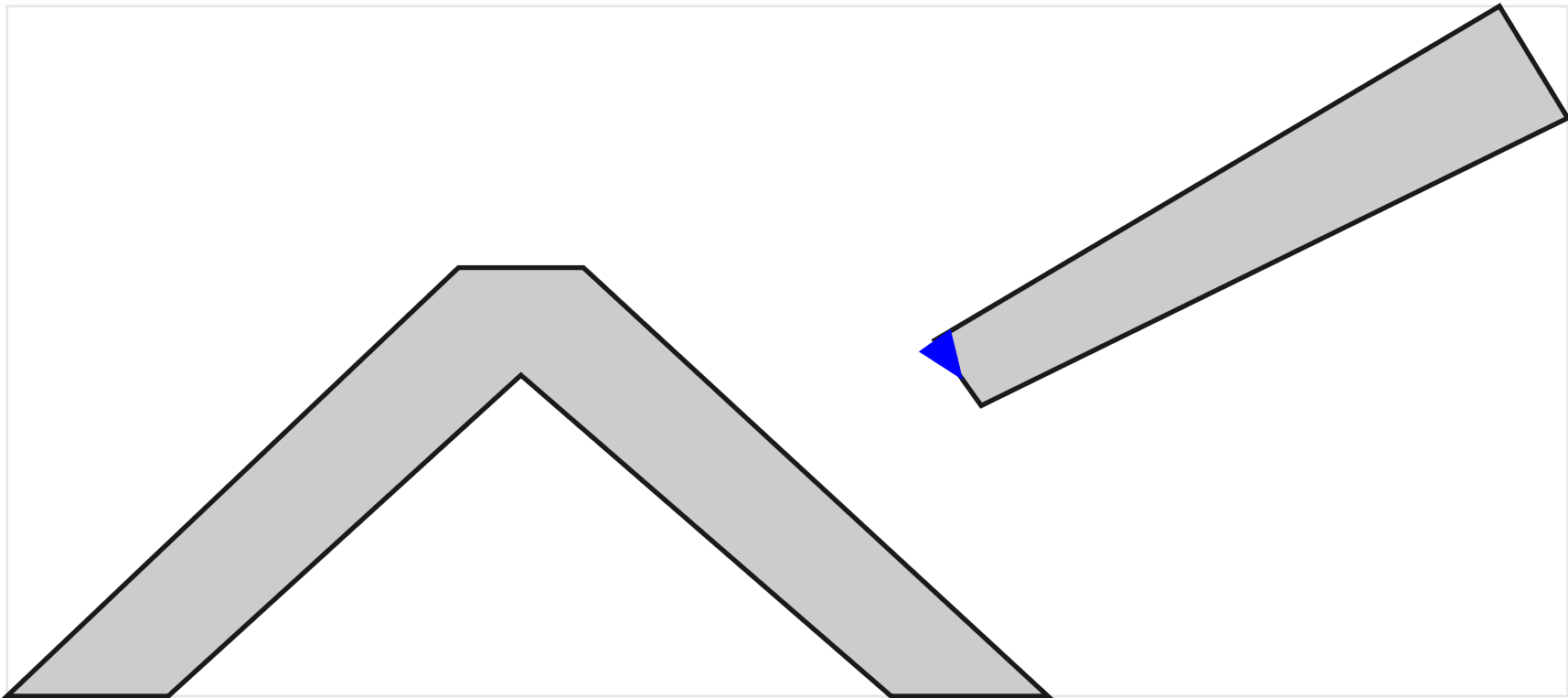
proposed fix



wrong\_start\_point

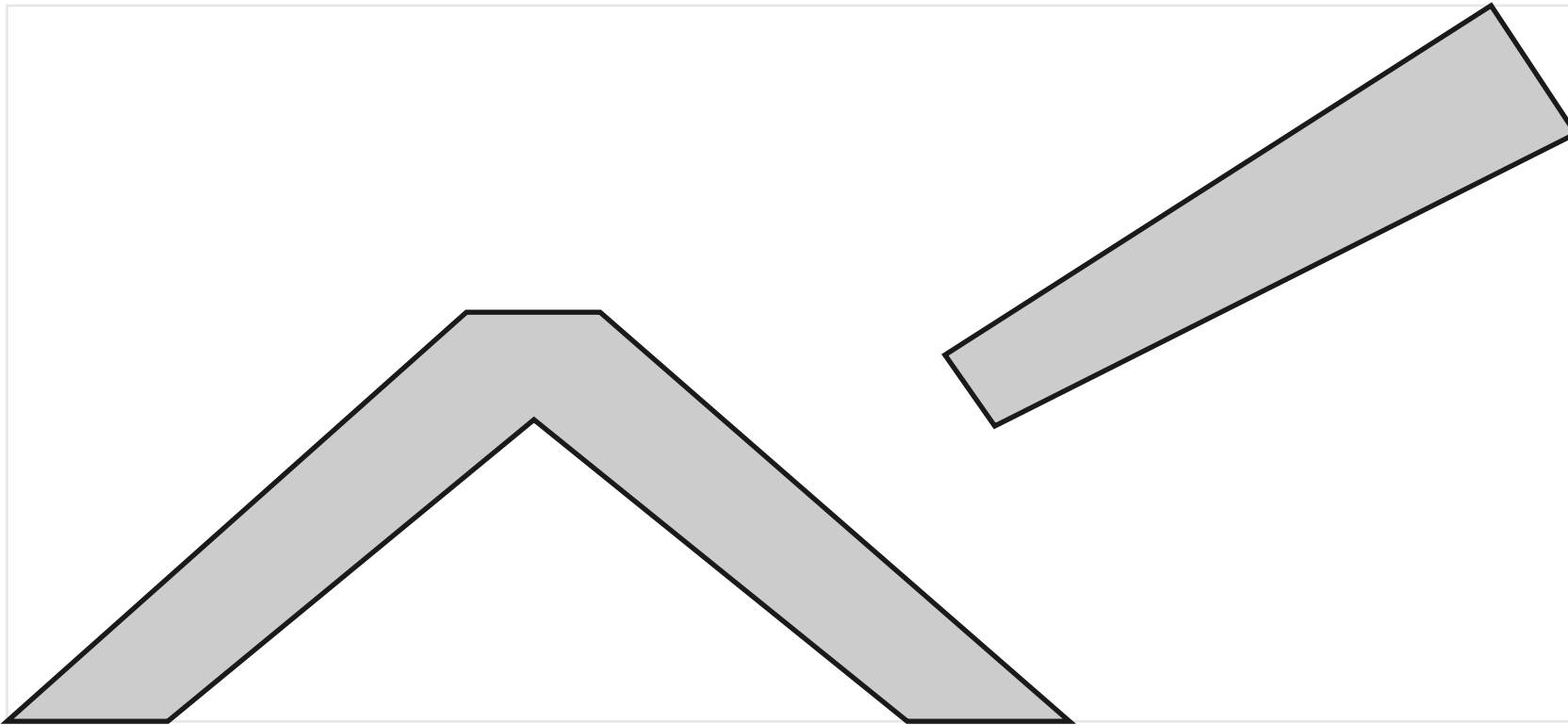
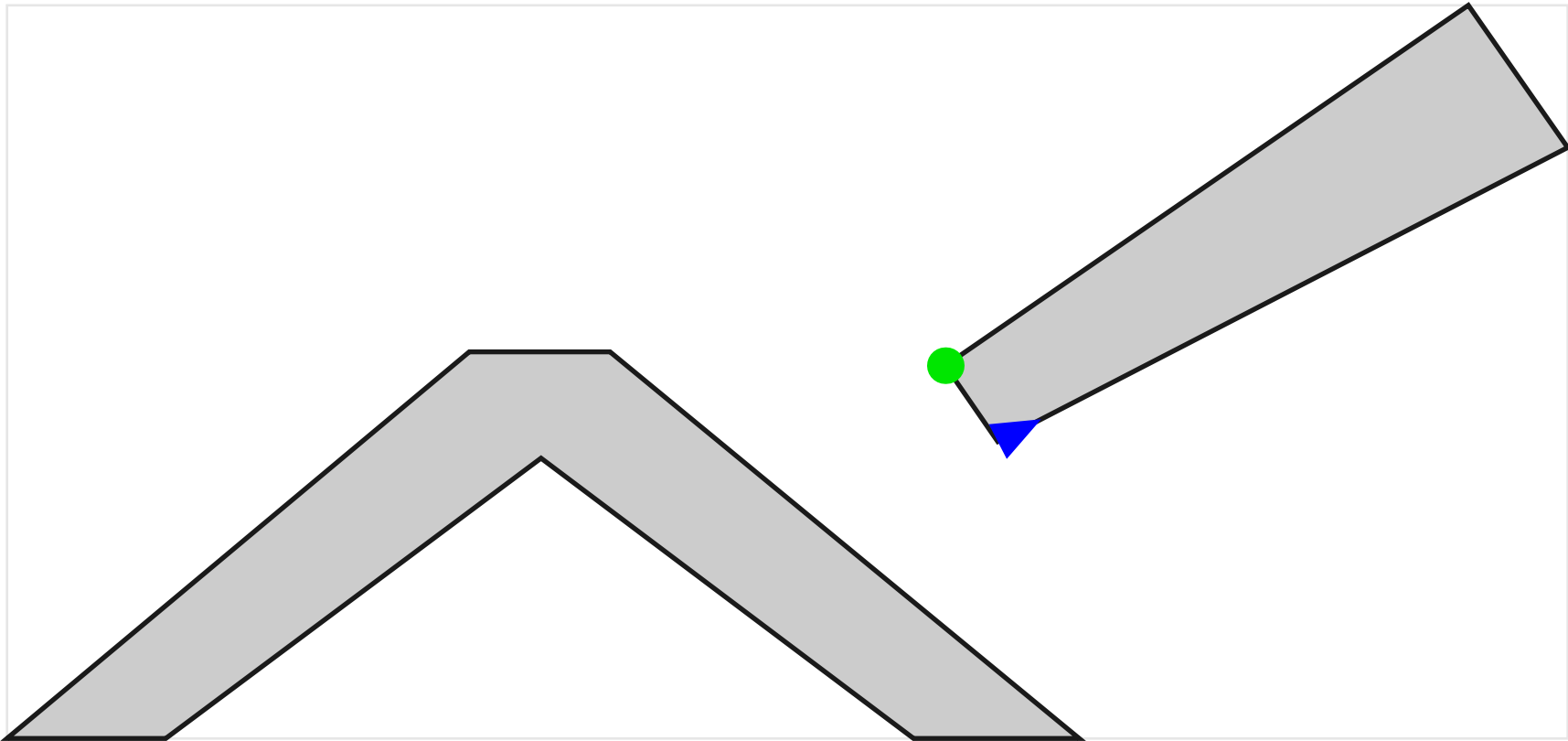
'GRAD=-200.0 opsz=8.0 wght=100.0'

midway interpolation



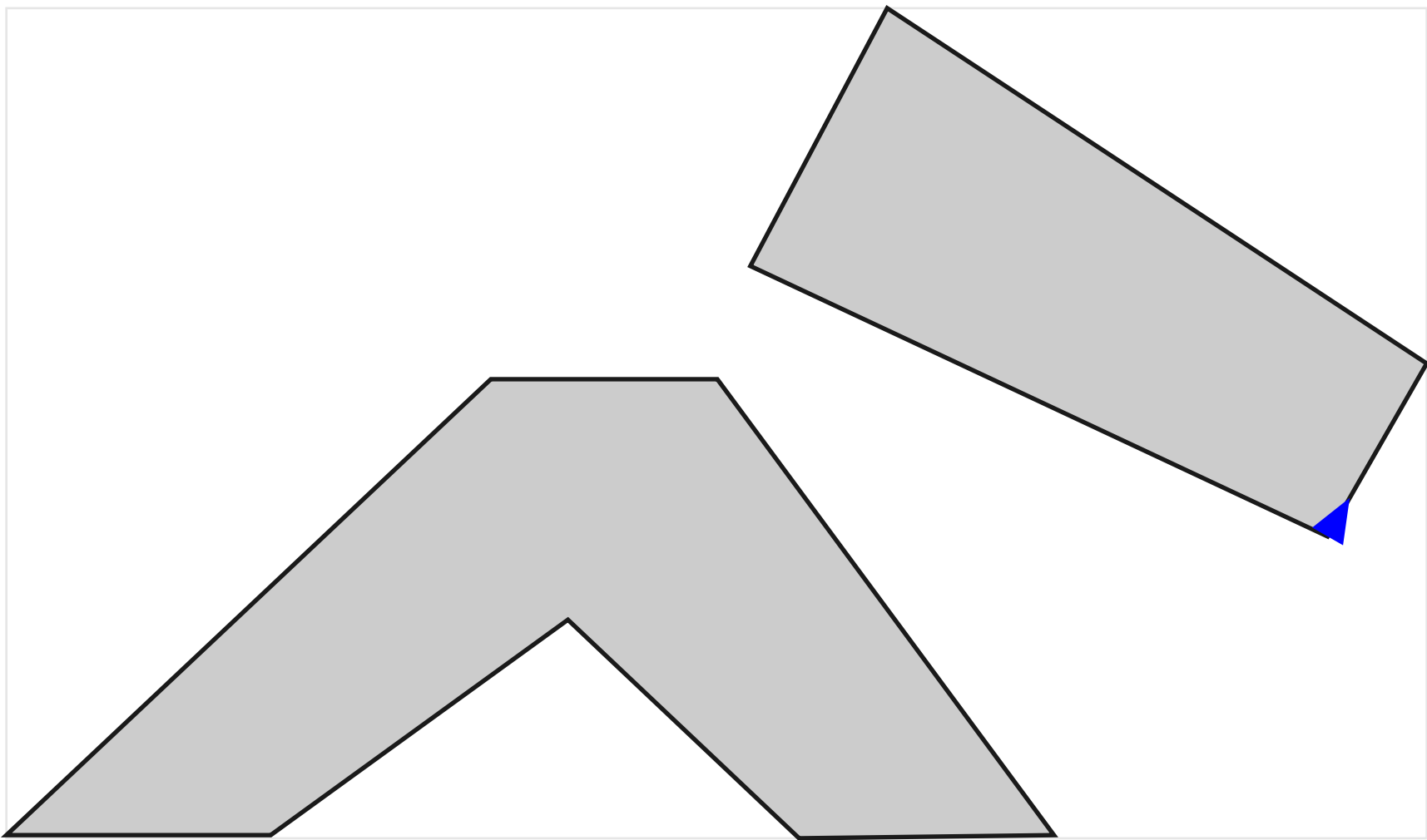
'GRAD=-200.0 opsz=8.0 width=151.0 wght=100.0'

proposed fix

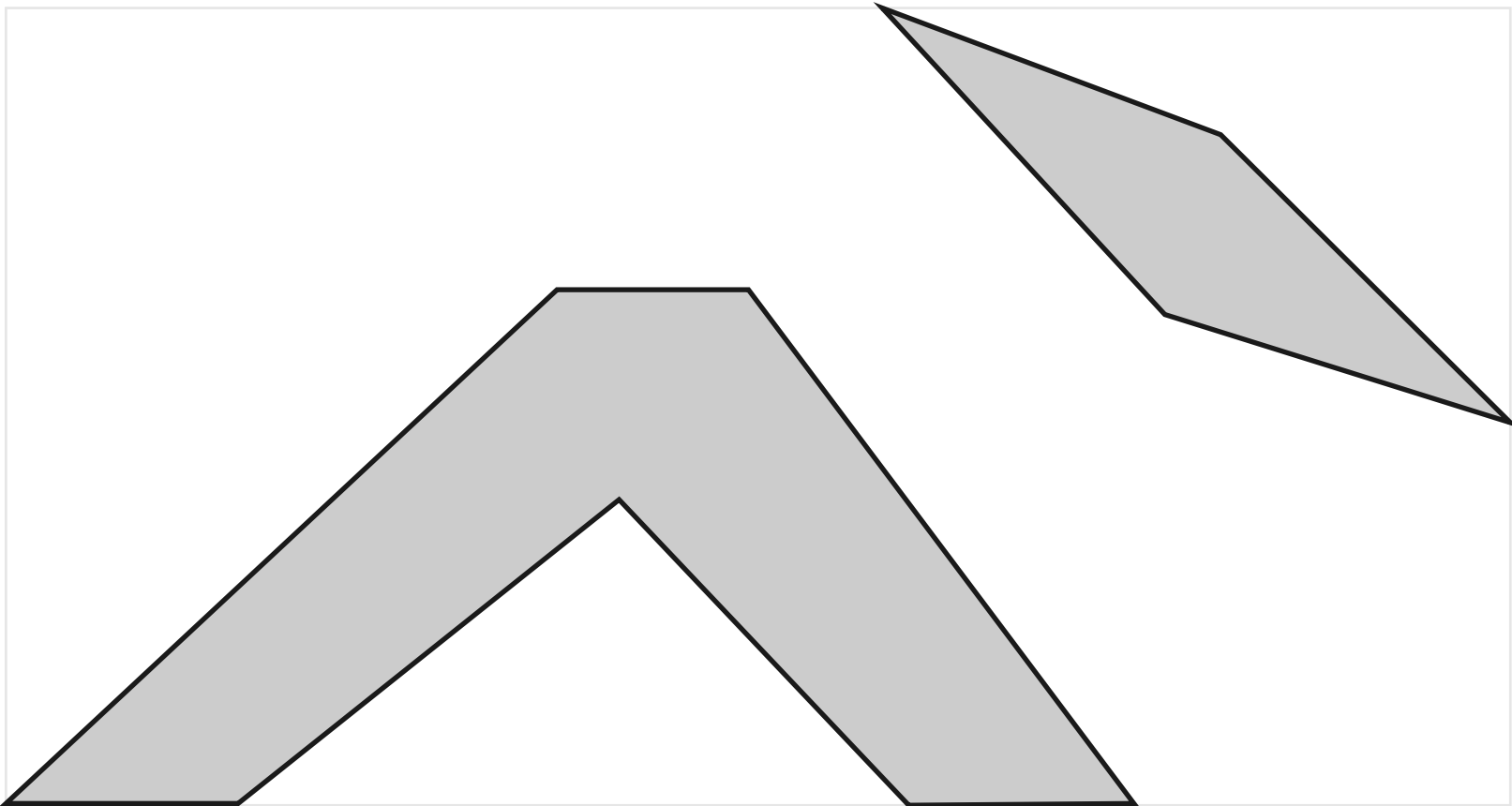


wrong\_start\_point

'slnt=-10.0 width=25.0'

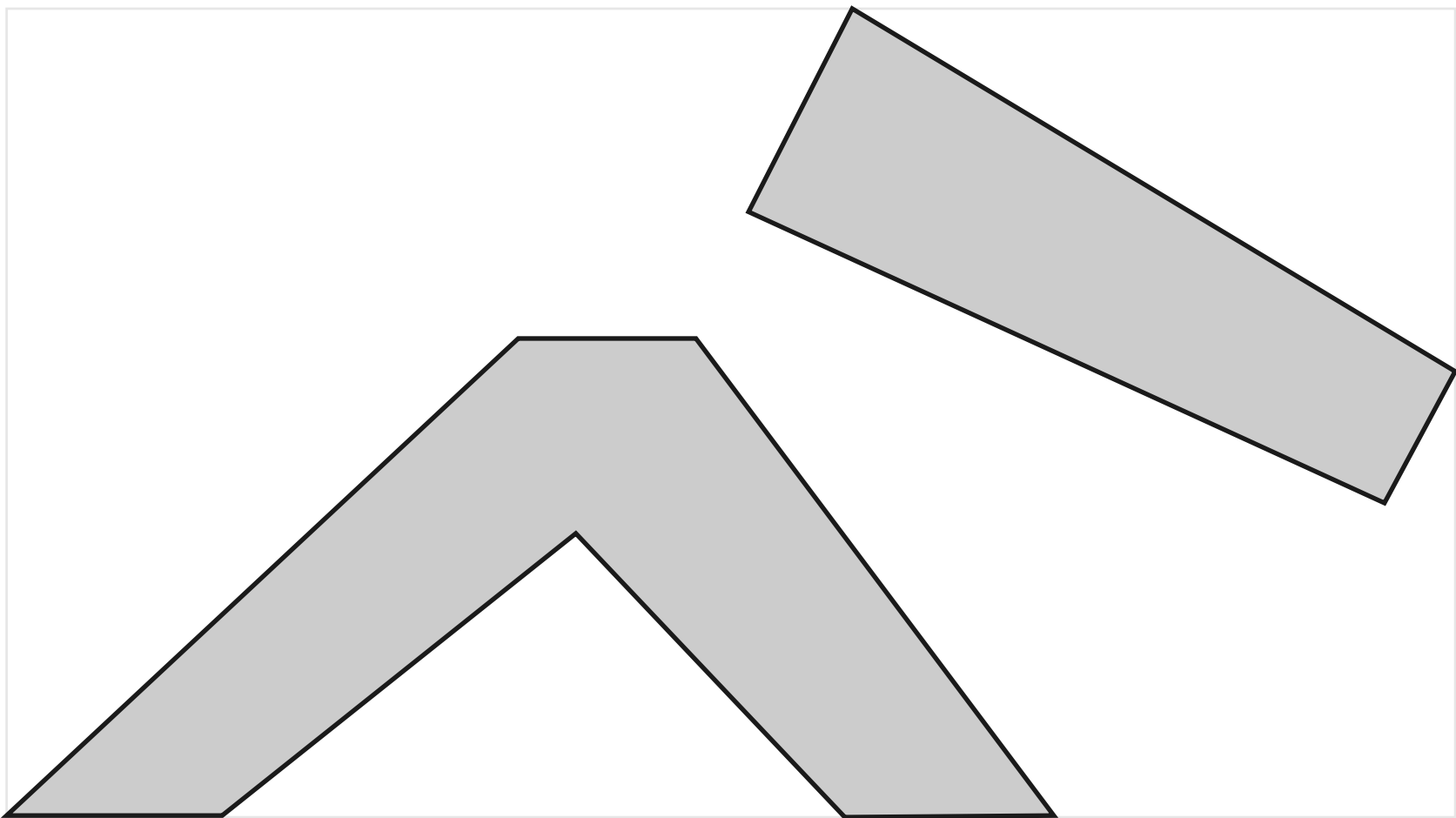
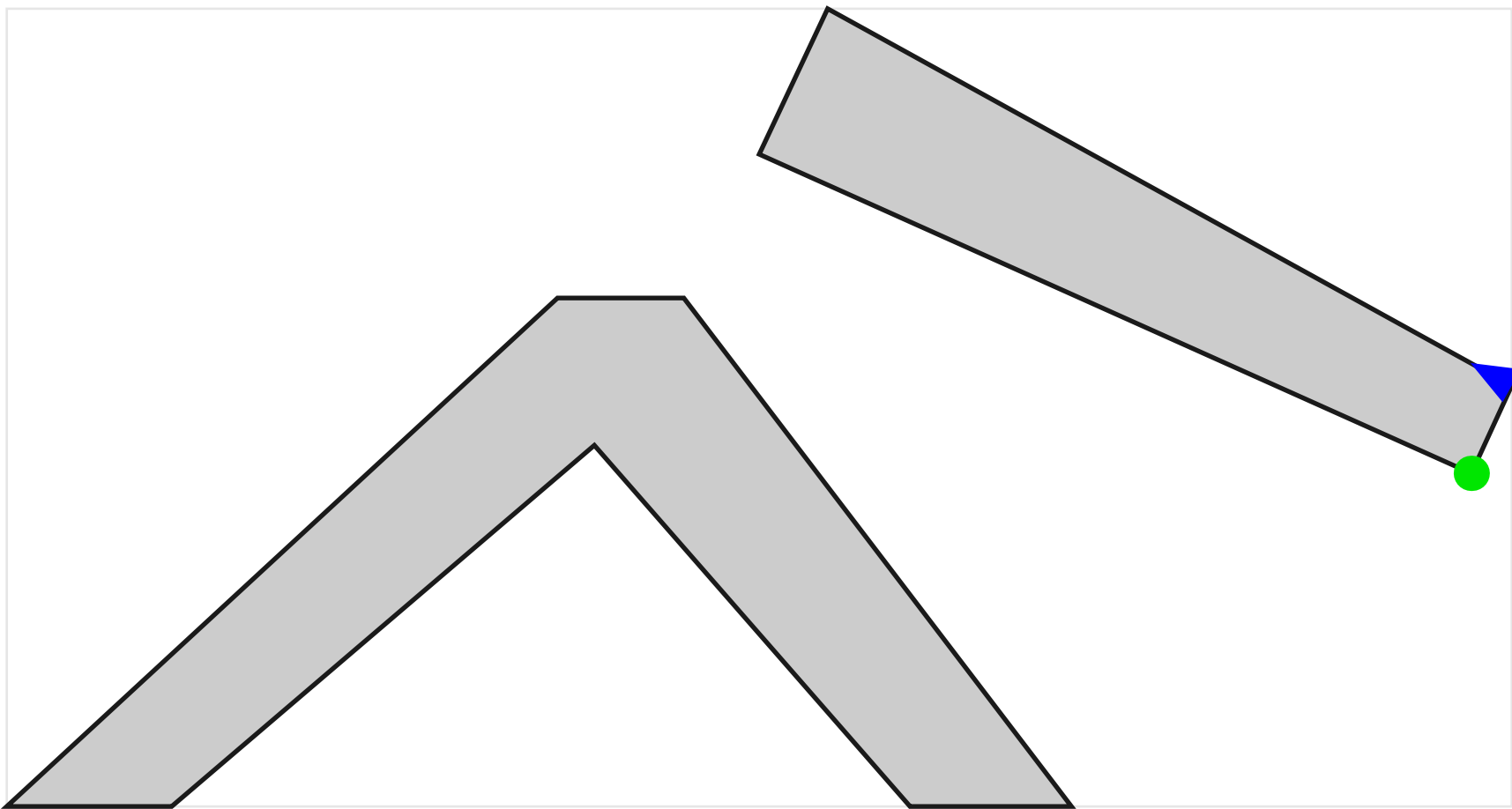


midway interpolation



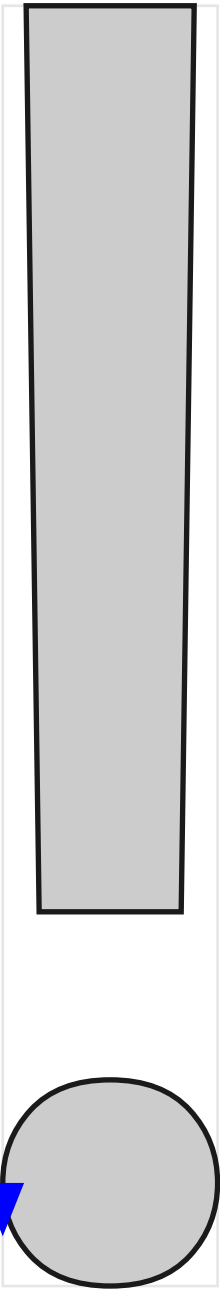
'slnt=-10.0 width=25.0 wght=100.0'

proposed fix

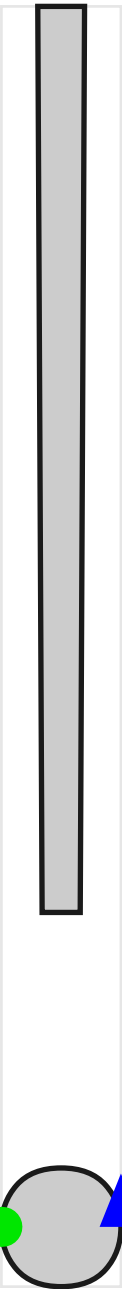


wrong\_start\_point

”



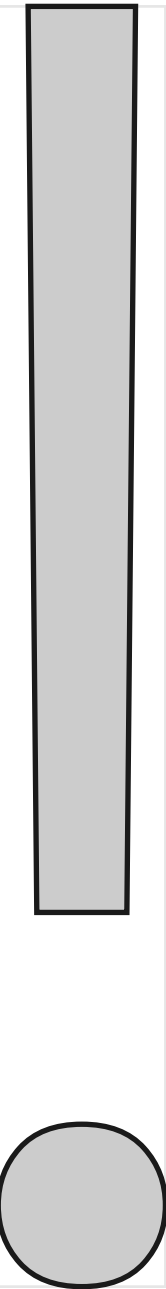
'XOPQ=27.0'



midway interpolation

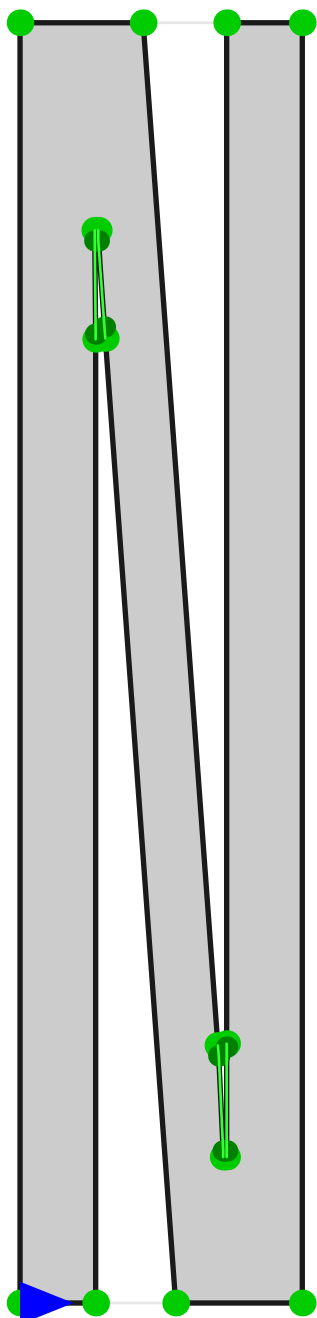


proposed fix

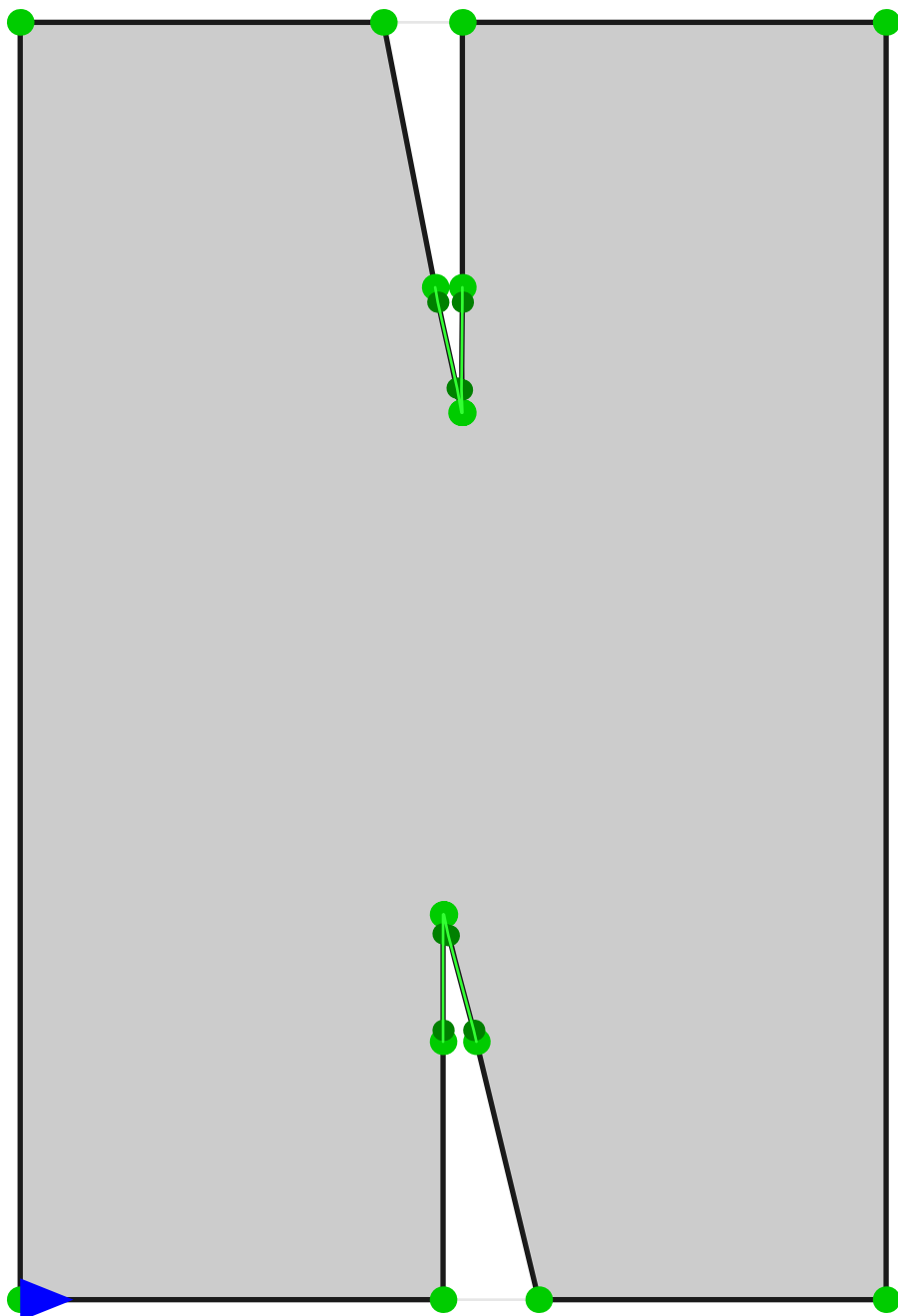


wrong\_structure

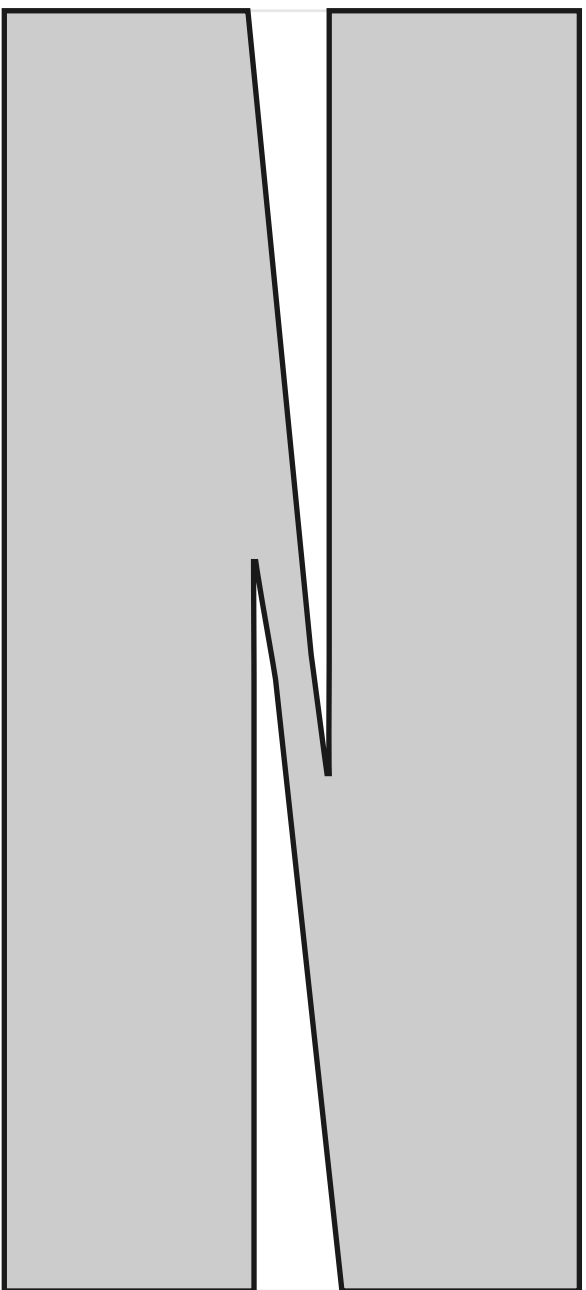
'opsz=144.0 width=25.0'



'opsz=144.0 width=25.0 wght=1000.0'



midway interpolation



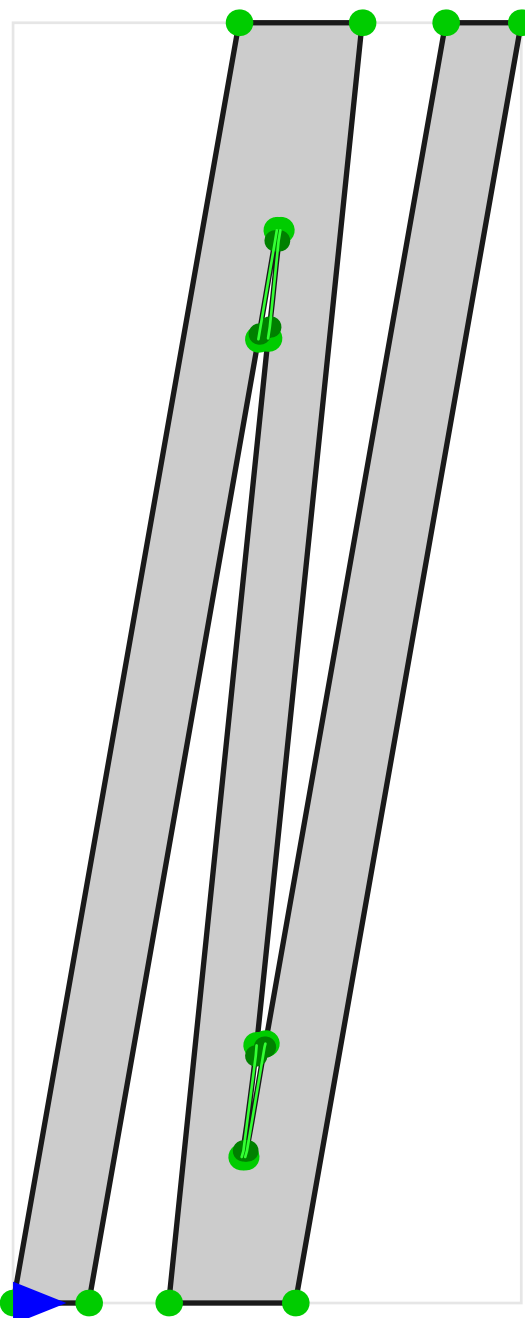
proposed fix



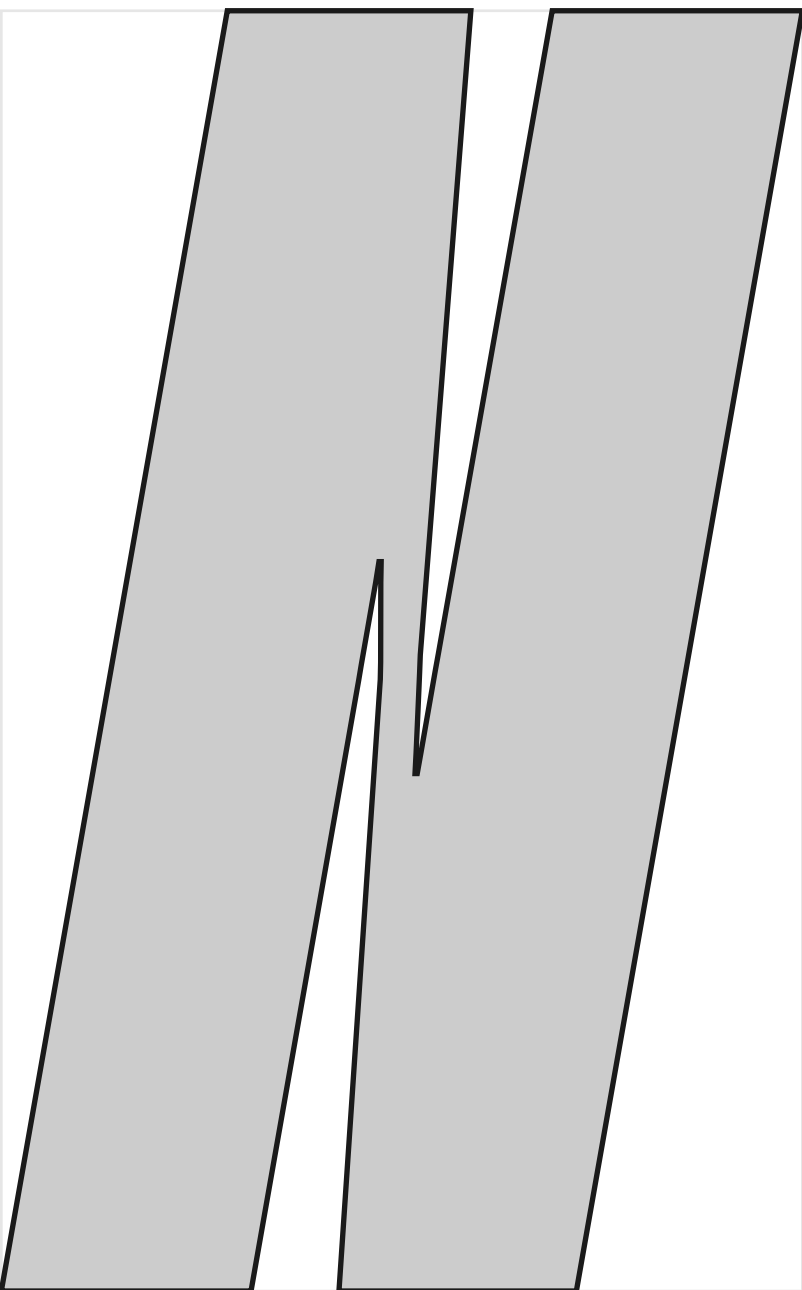


wrong\_structure

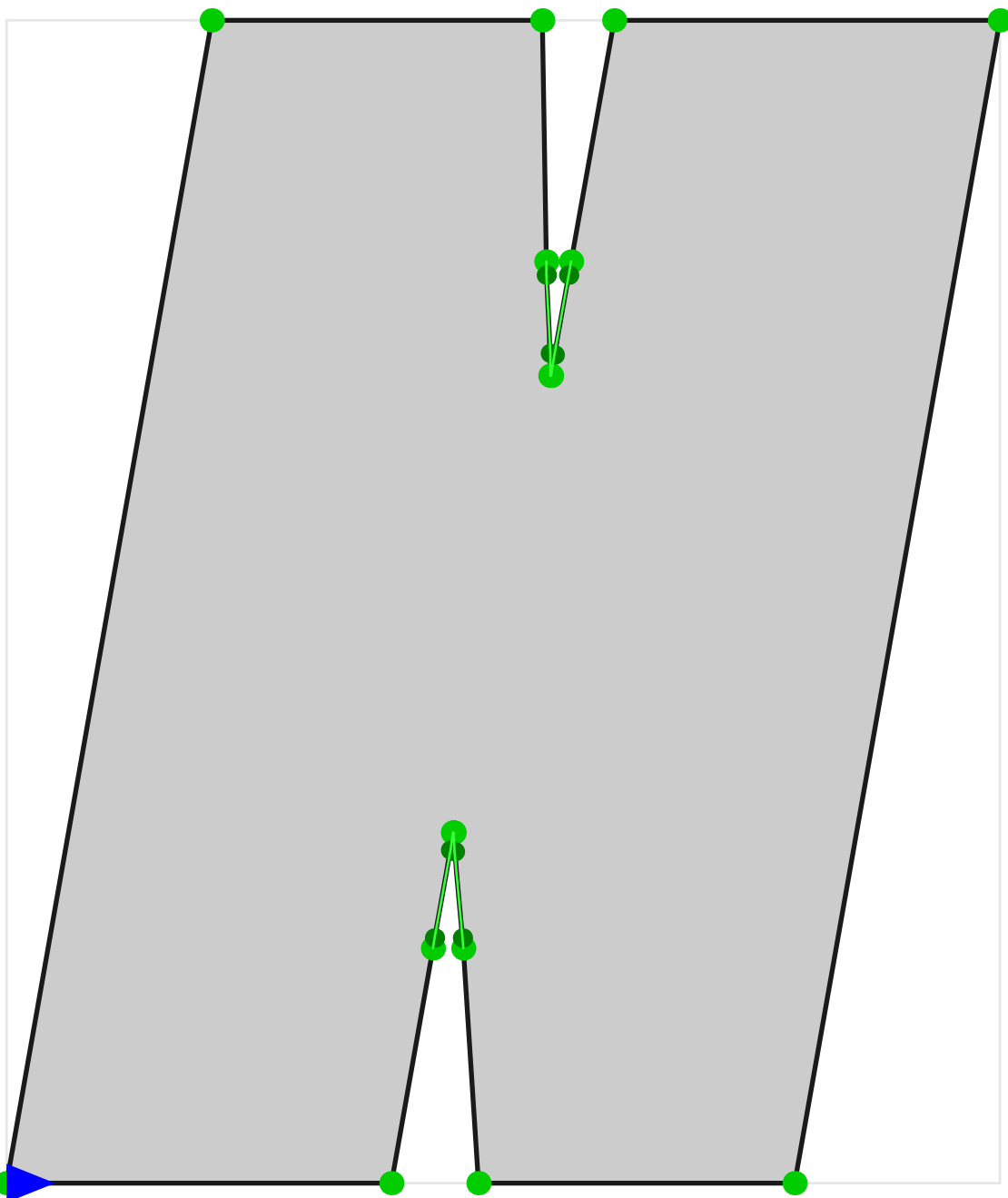
'opsz=144.0 slnt=-10.0 width=25.0'



midway interpolation



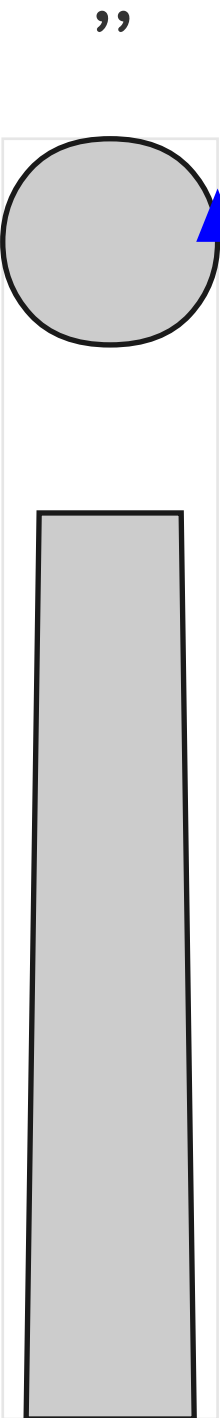
'opsz=144.0 slnt=-10.0 width=25.0 wght=1000.0'



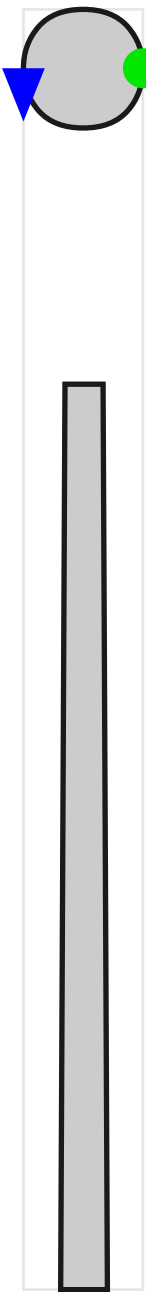
proposed fix



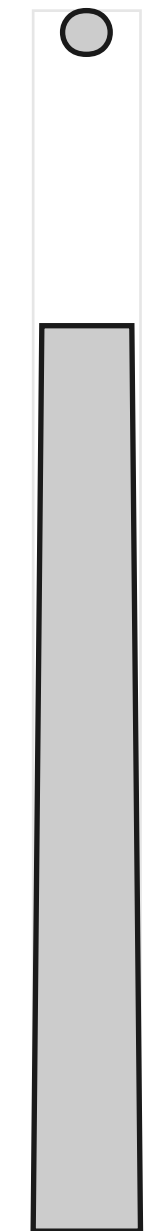
wrong\_start\_point



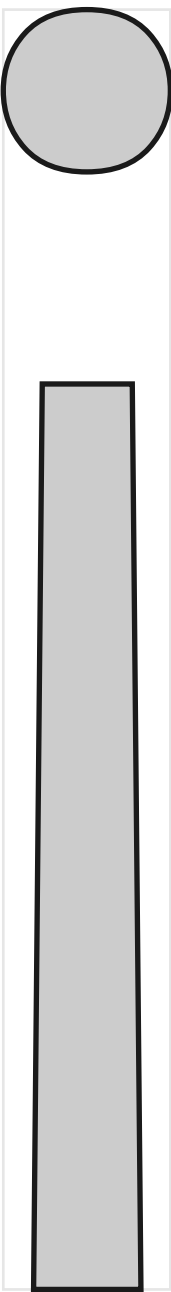
'XOPQ=27.0'



midway interpolation

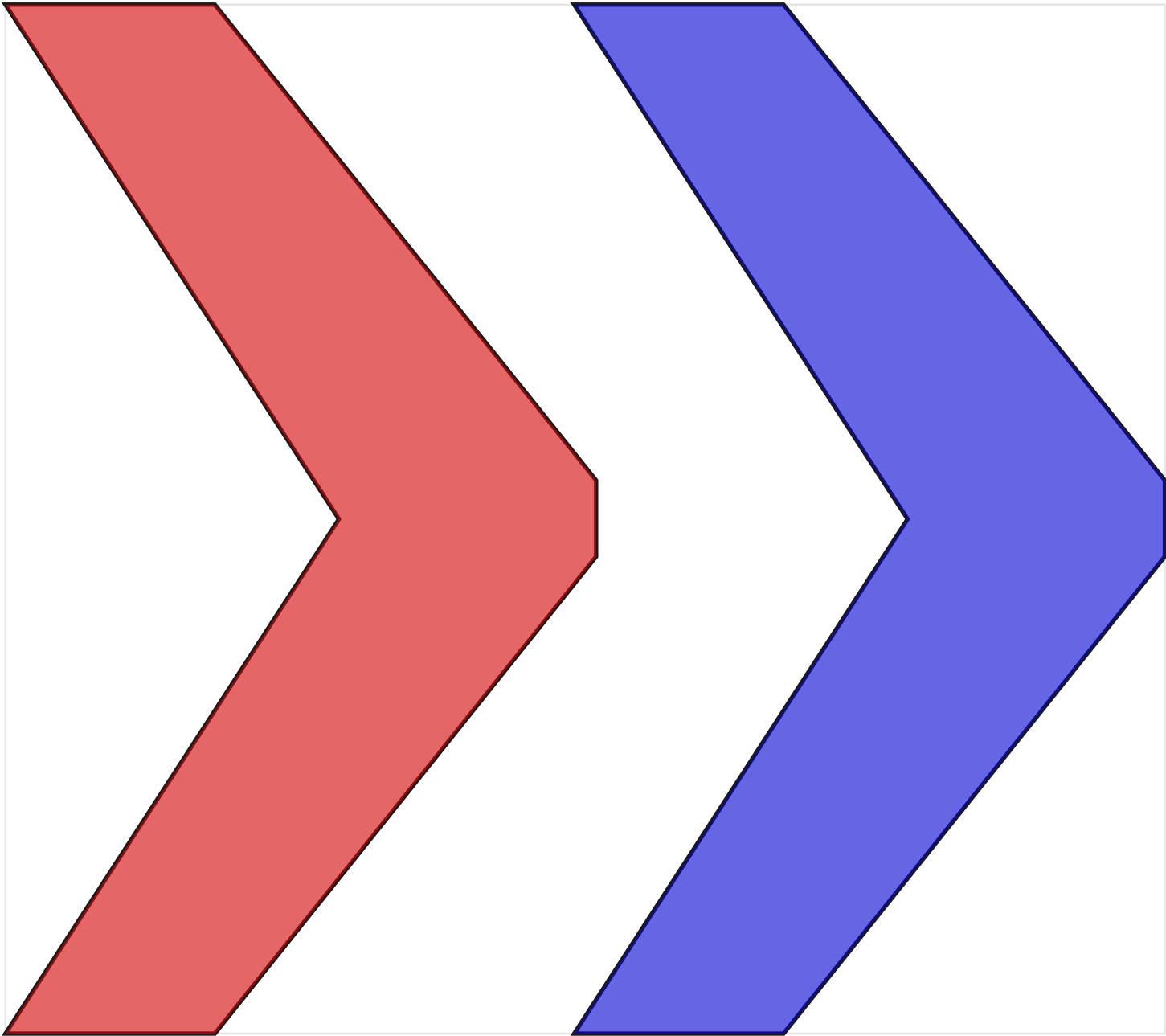


proposed fix



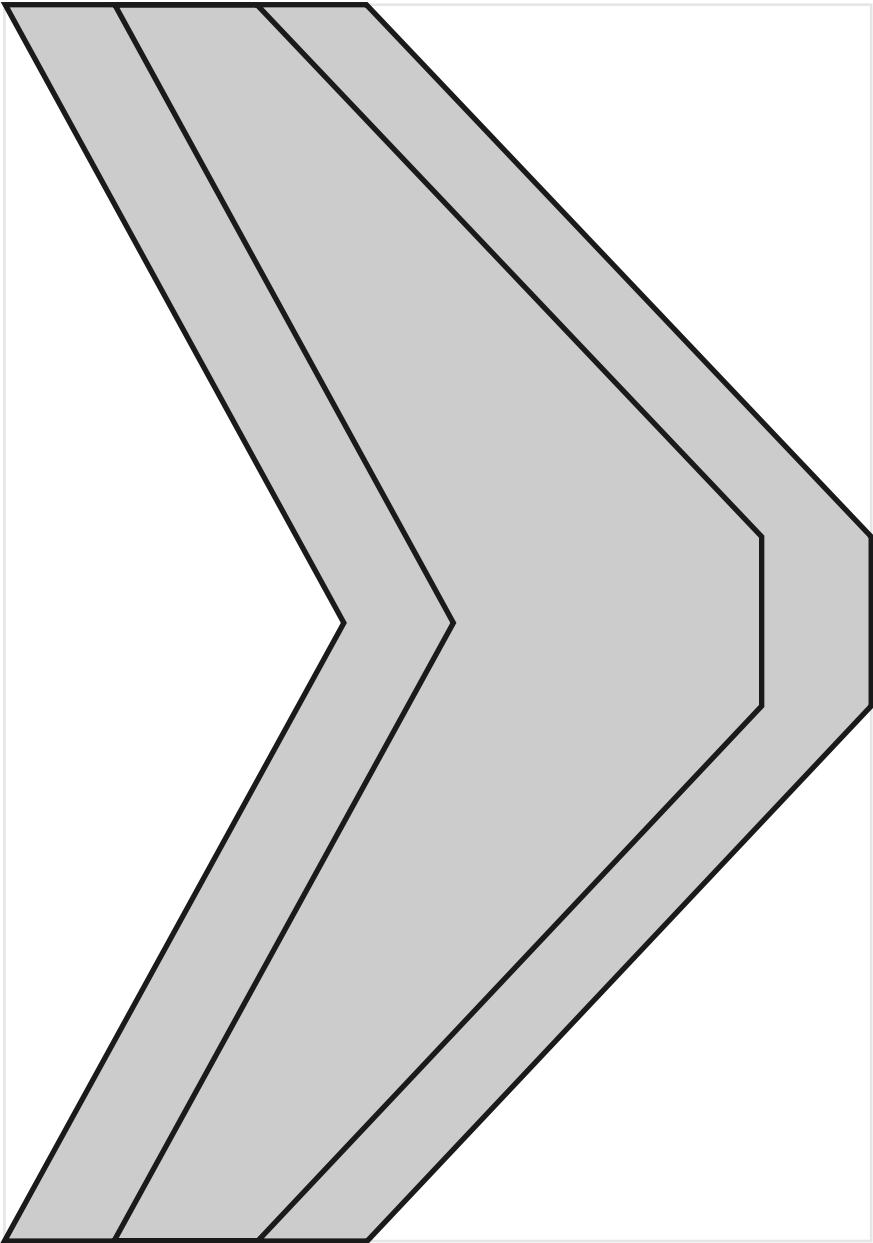
contour\_order

”

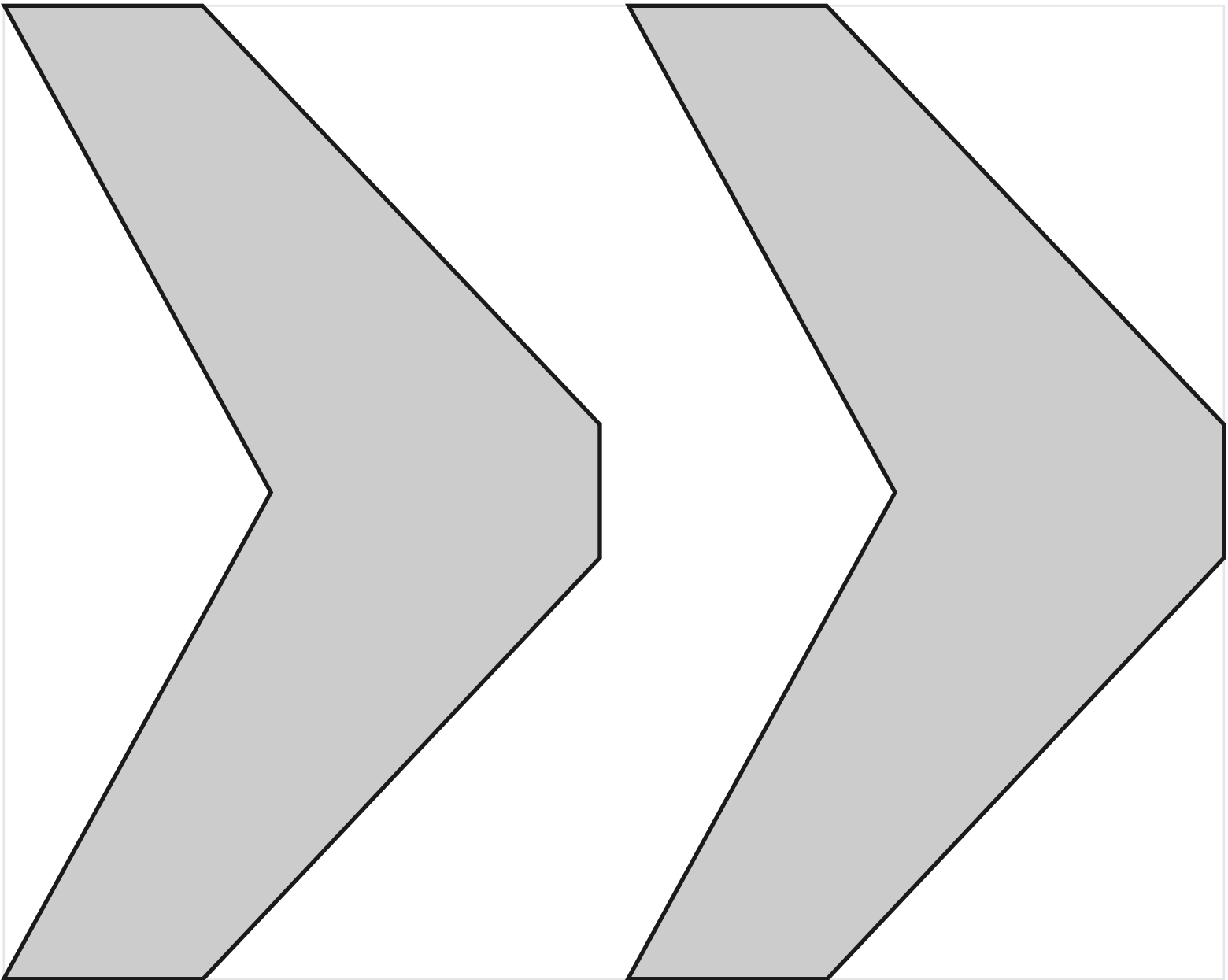
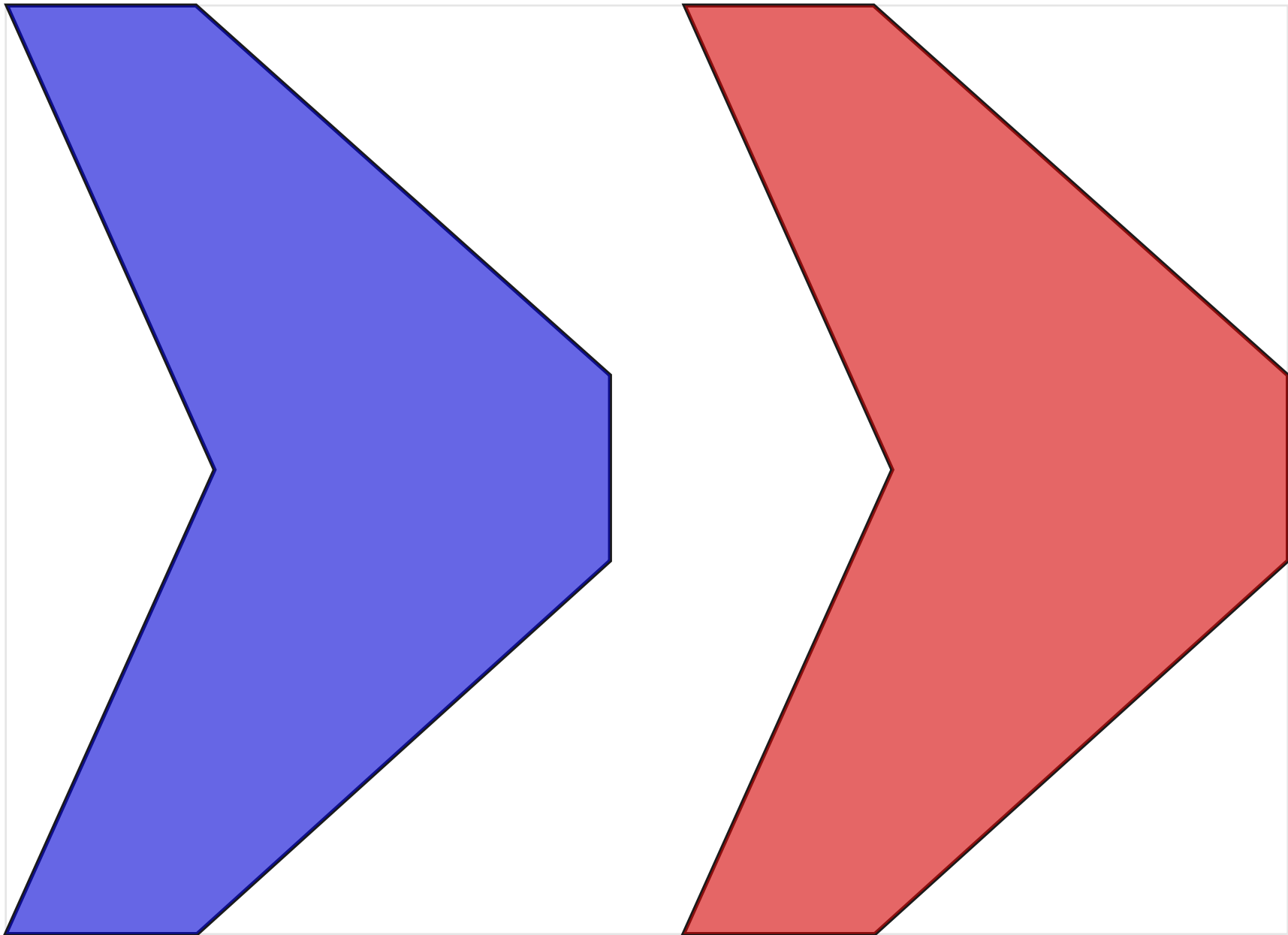


'XOPQ=175.0'

midway interpolation

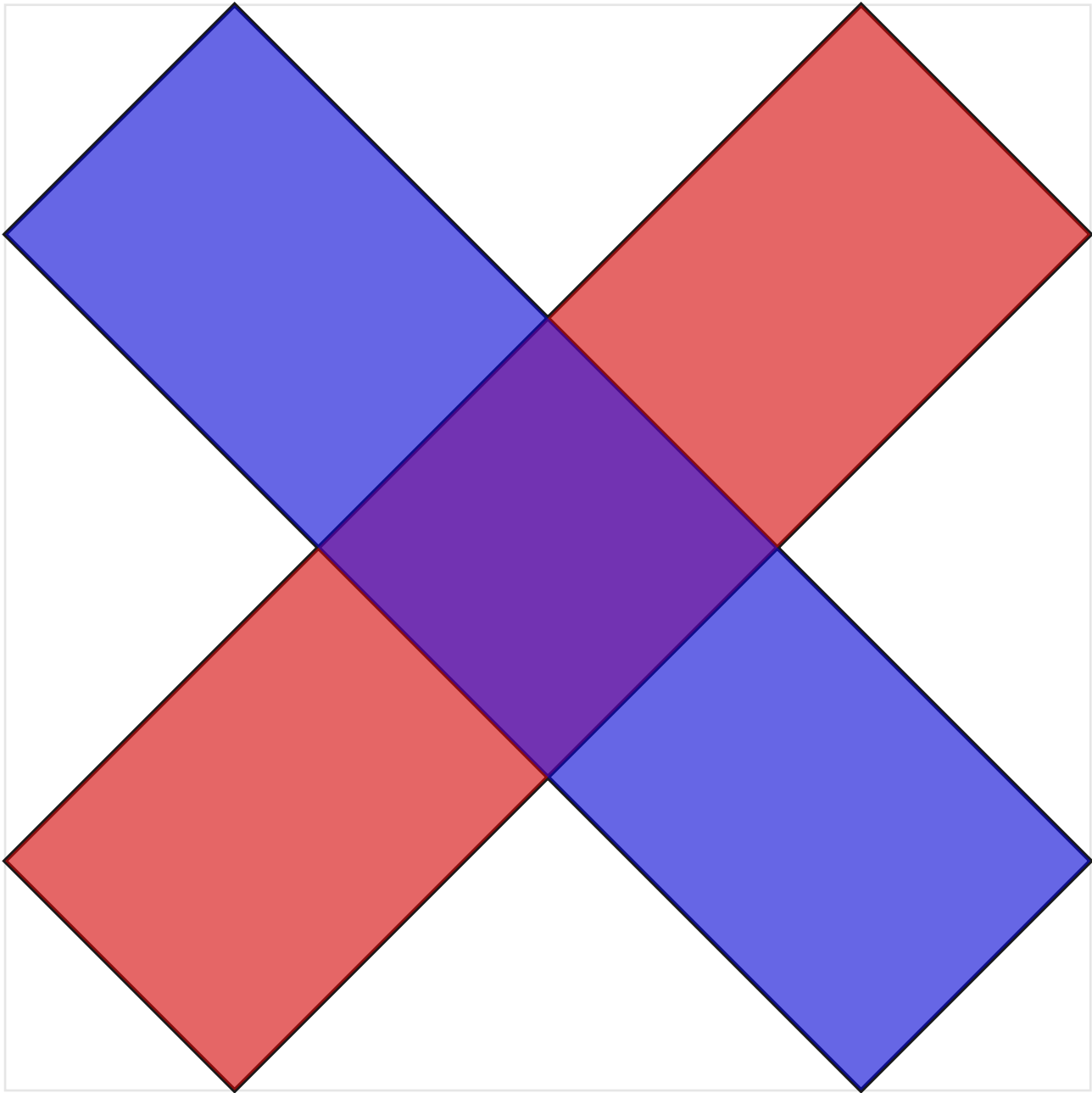


proposed fix

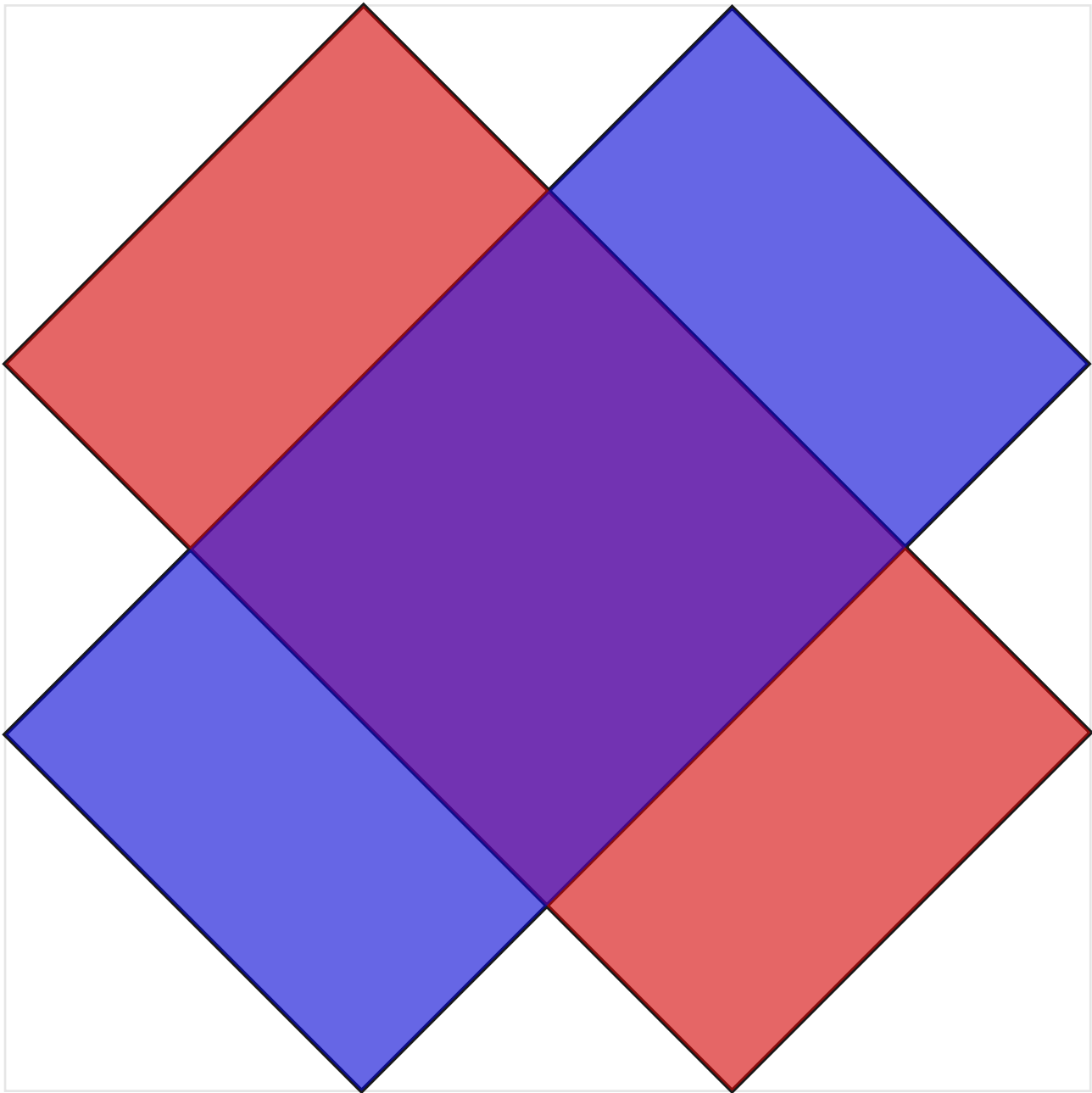


contour\_order

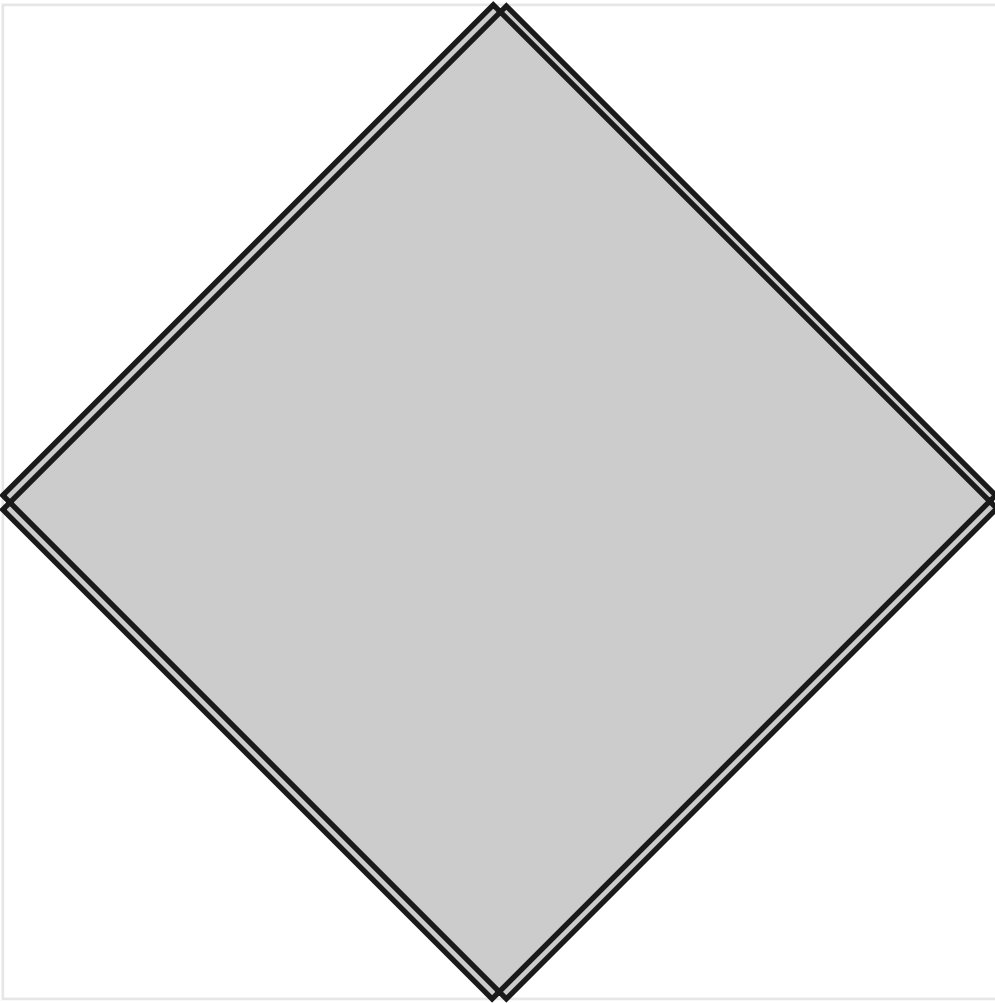
'opsz=144.0 width=25.0'



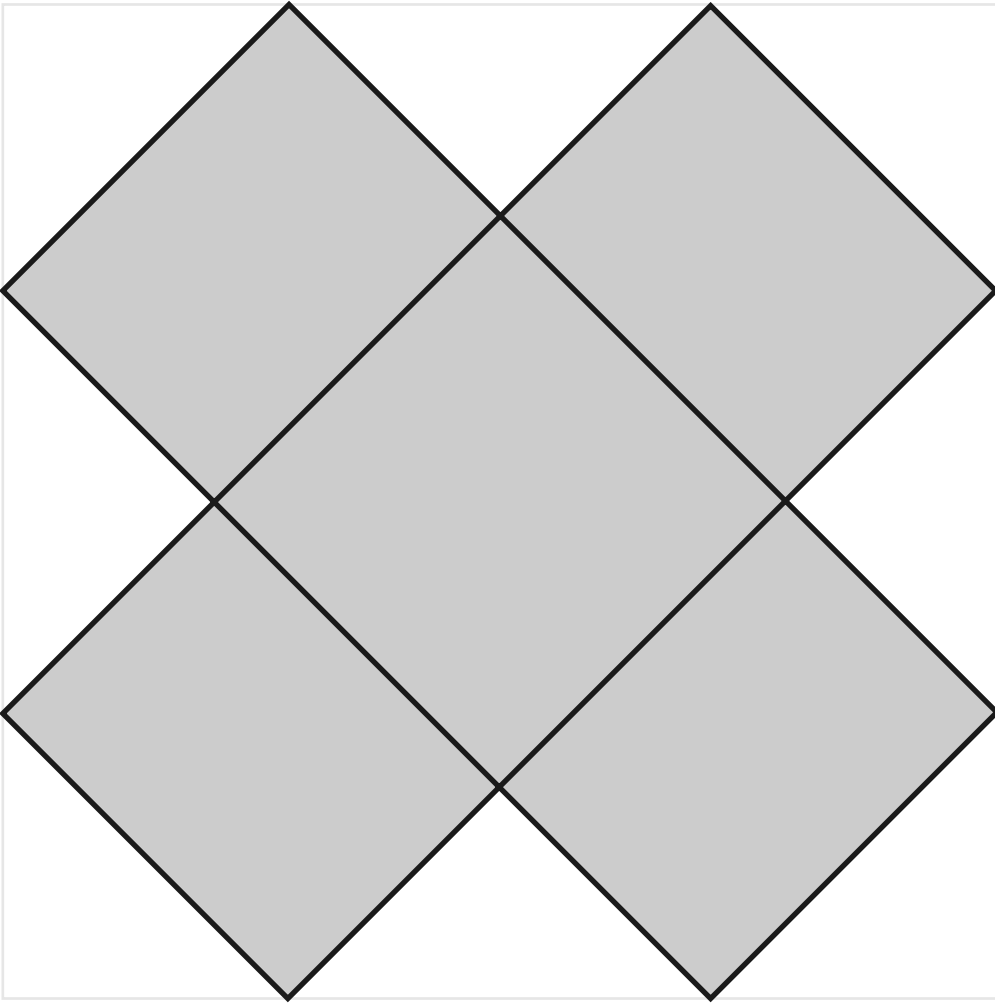
'opsz=144.0 width=25.0 wght=1000.0'



midway interpolation

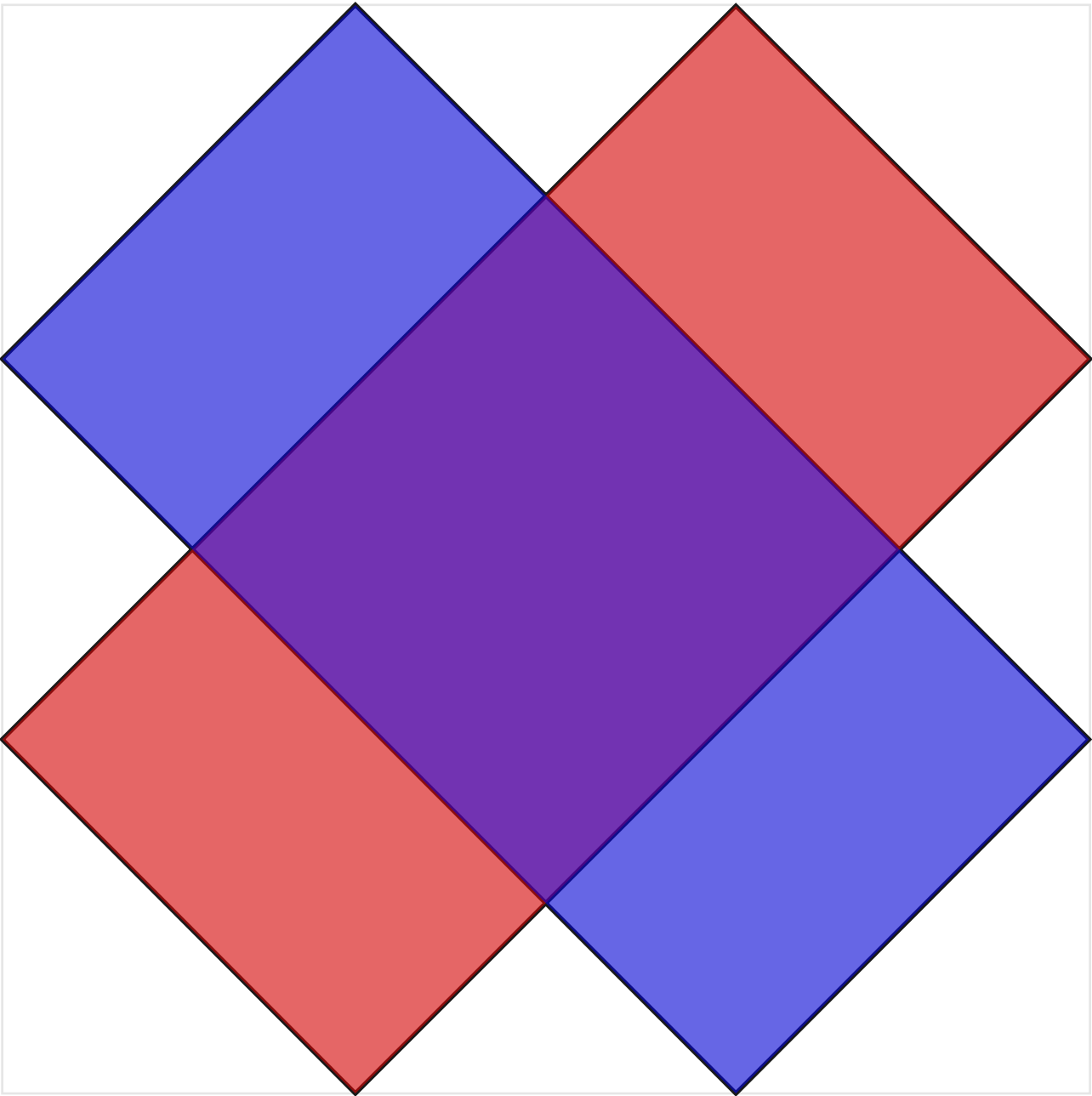


proposed fix

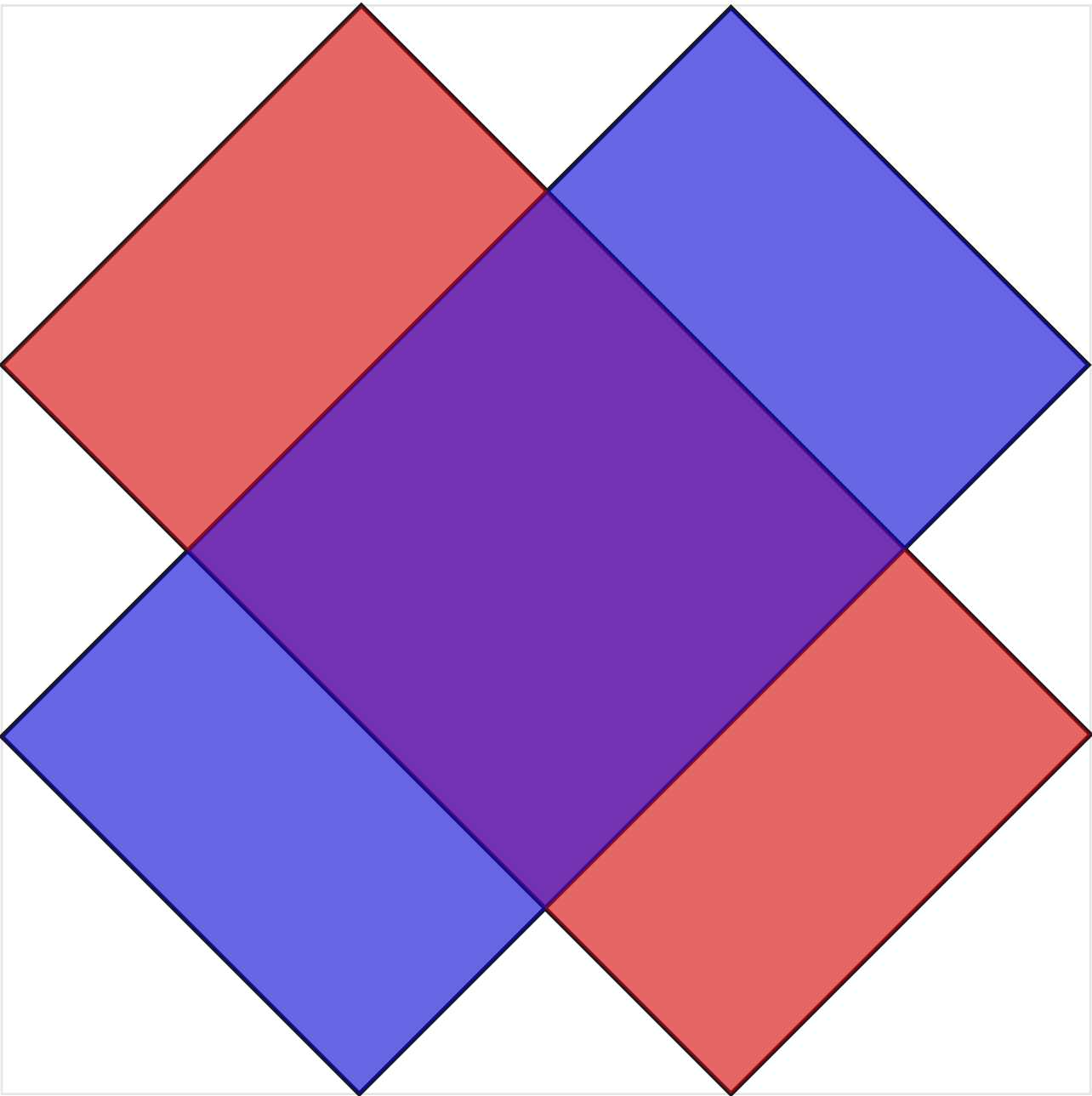


contour\_order

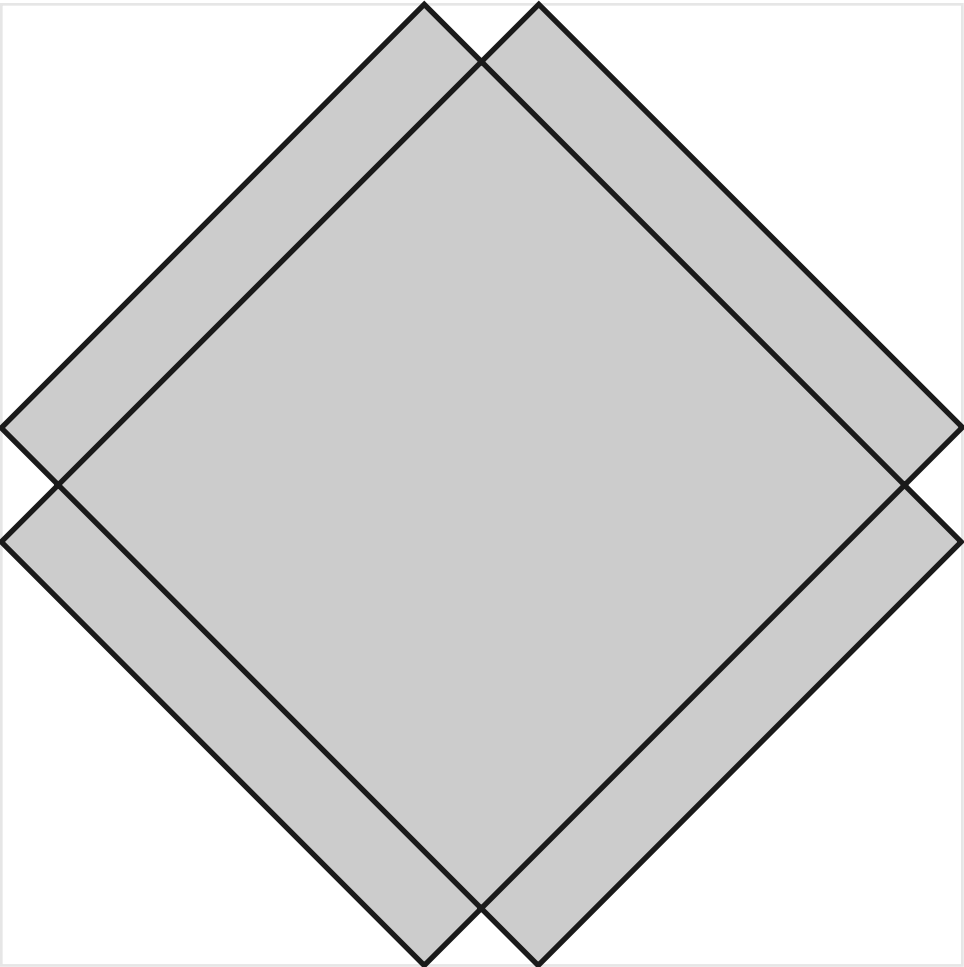
'GRAD=150.0 opsz=144.0 wght=1000.0'



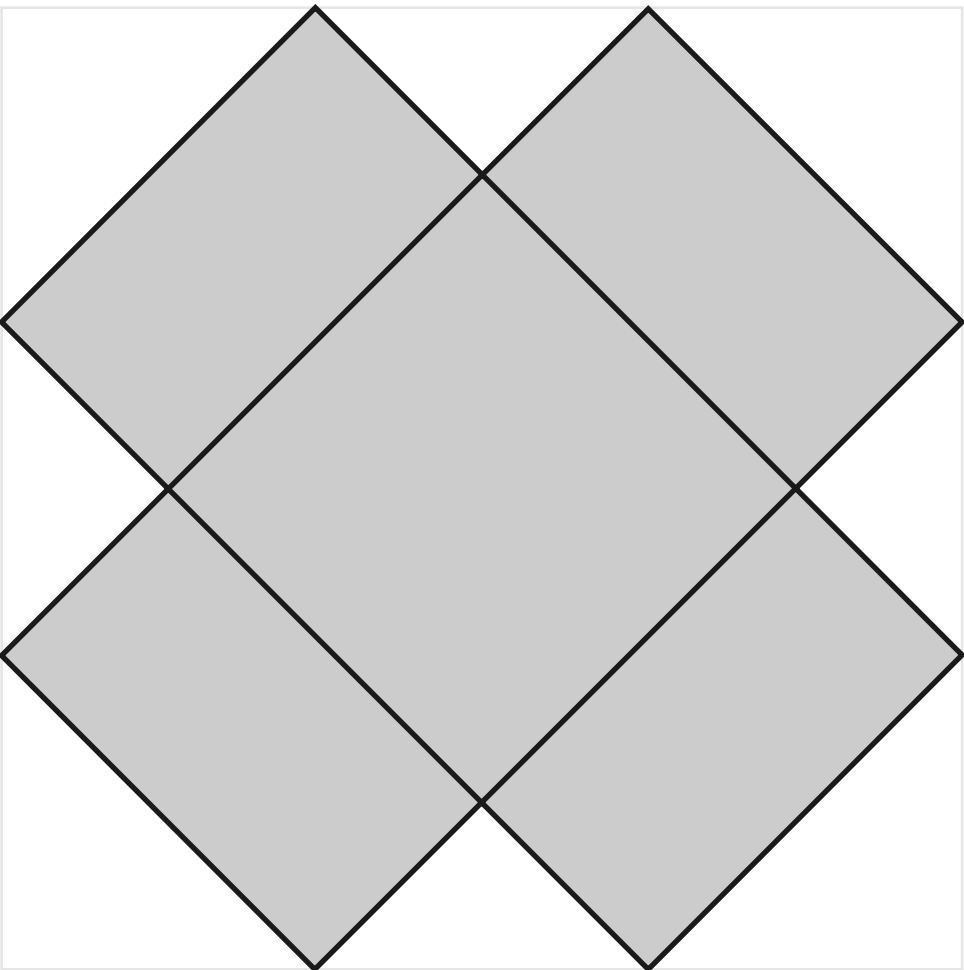
'GRAD=150.0 opsz=144.0 width=25.0 wght=1000.0'



midway interpolation

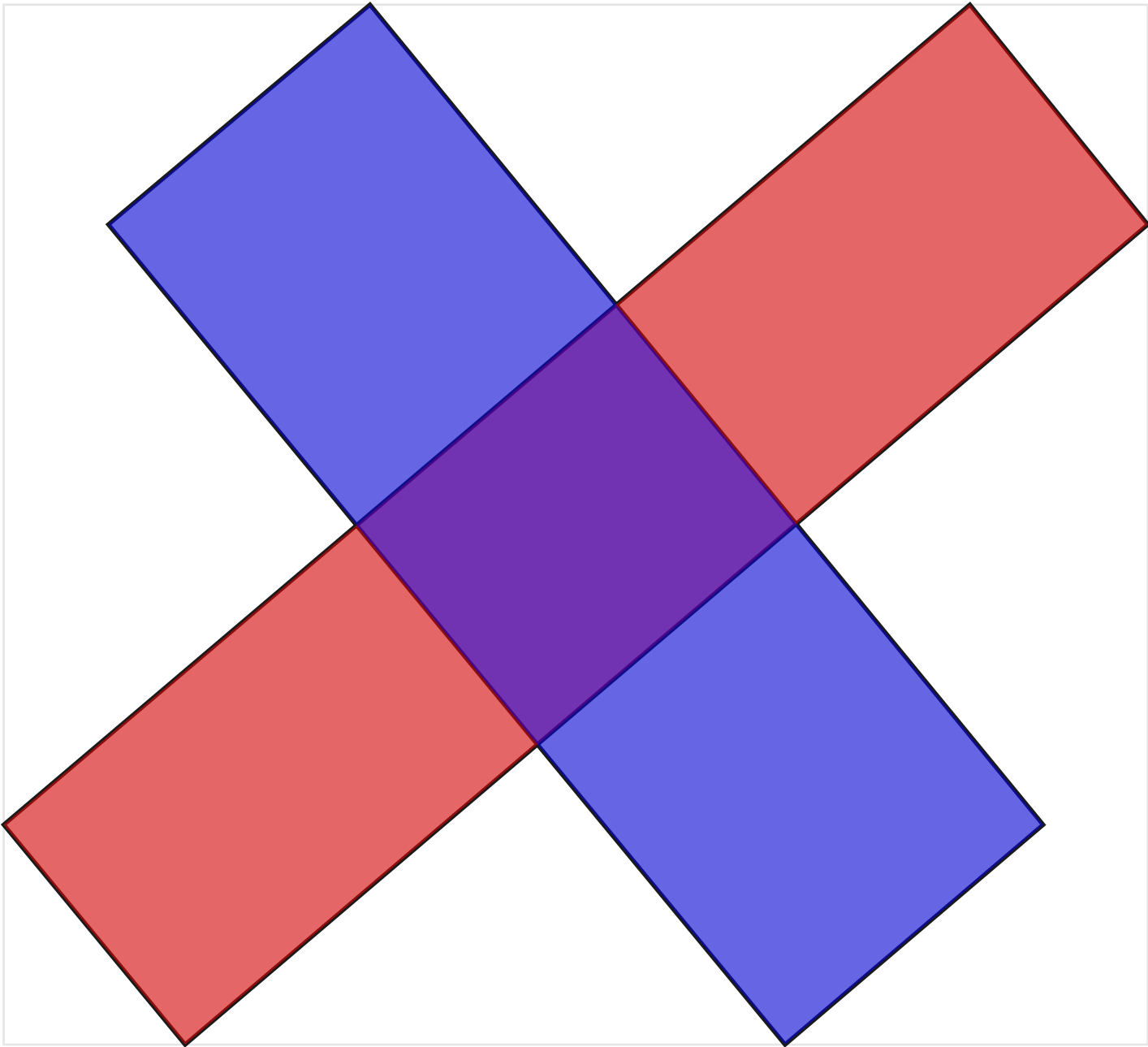


proposed fix

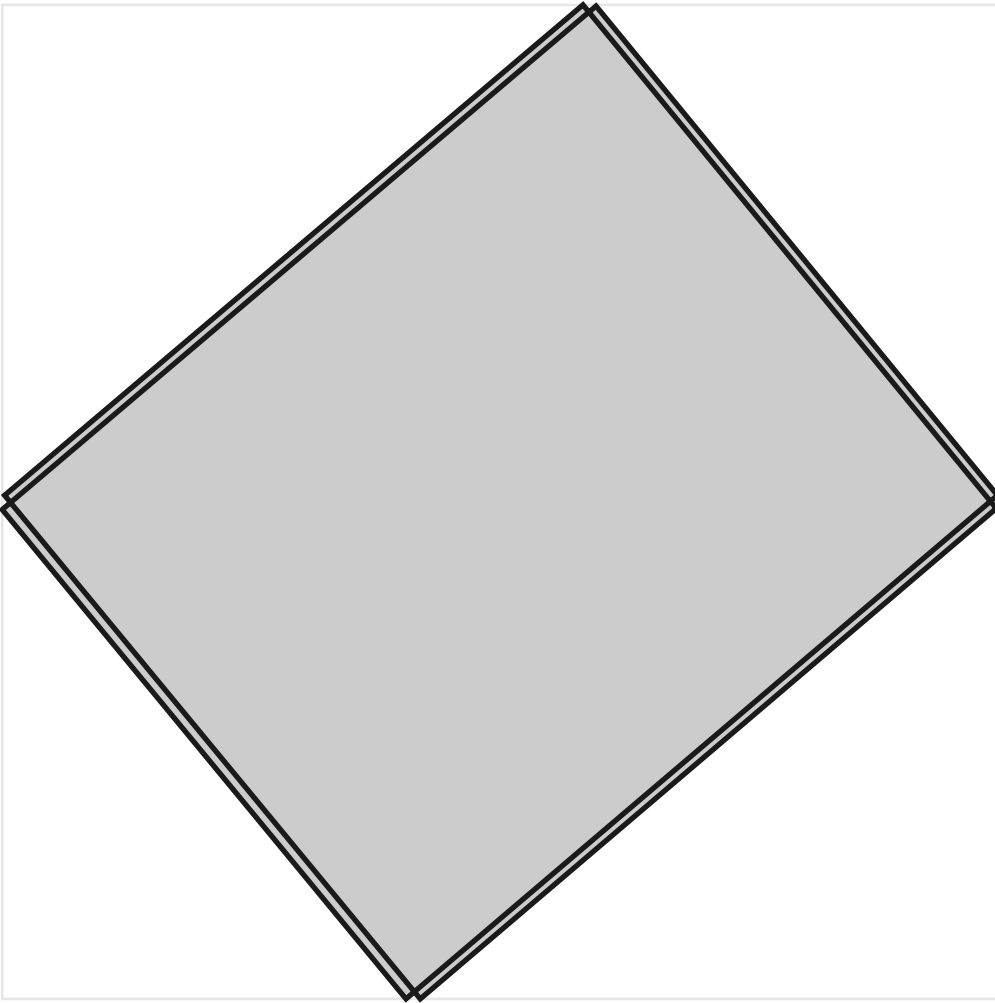


contour\_order

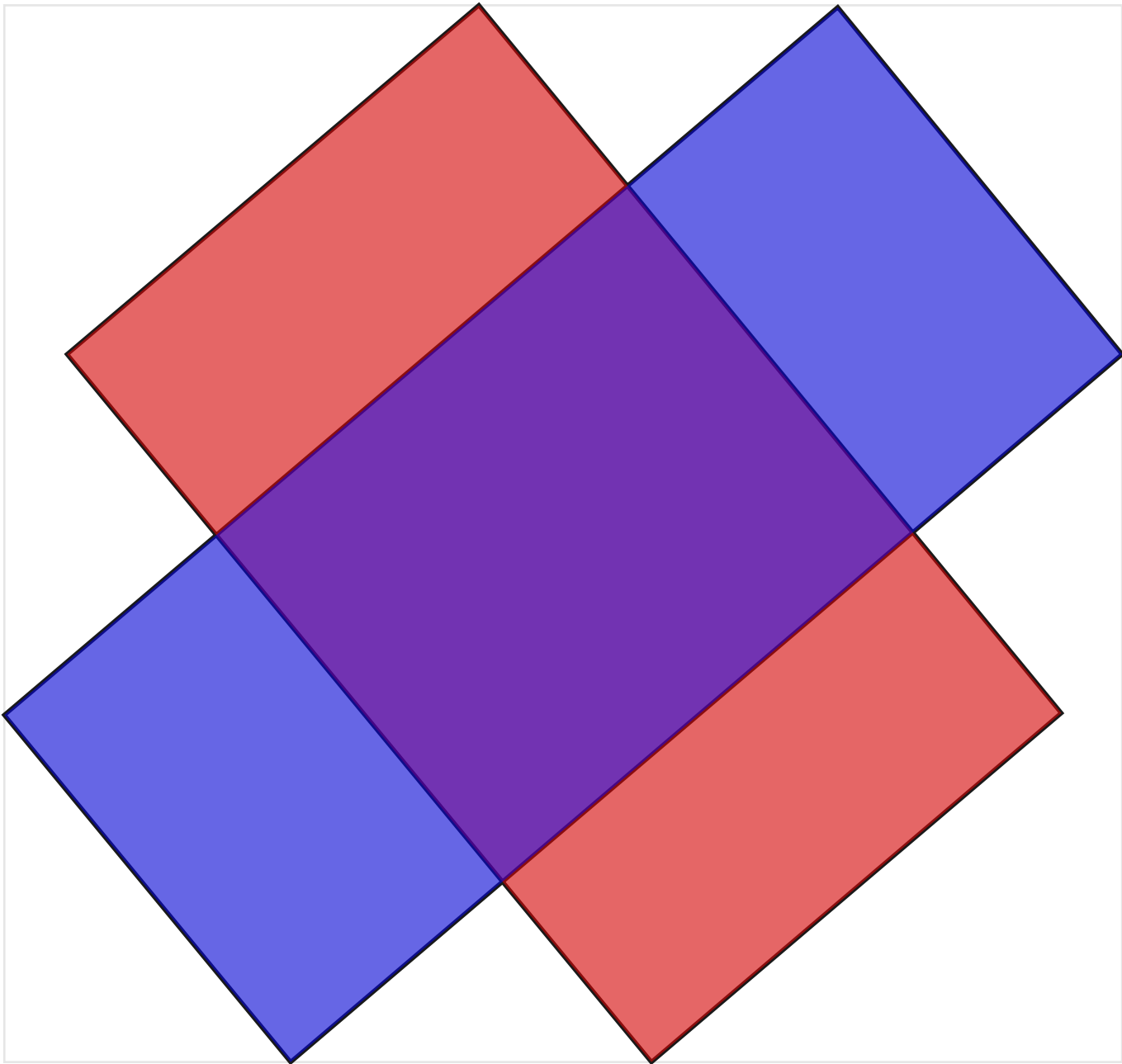
'opsz=144.0 slnt=-10.0 width=25.0'



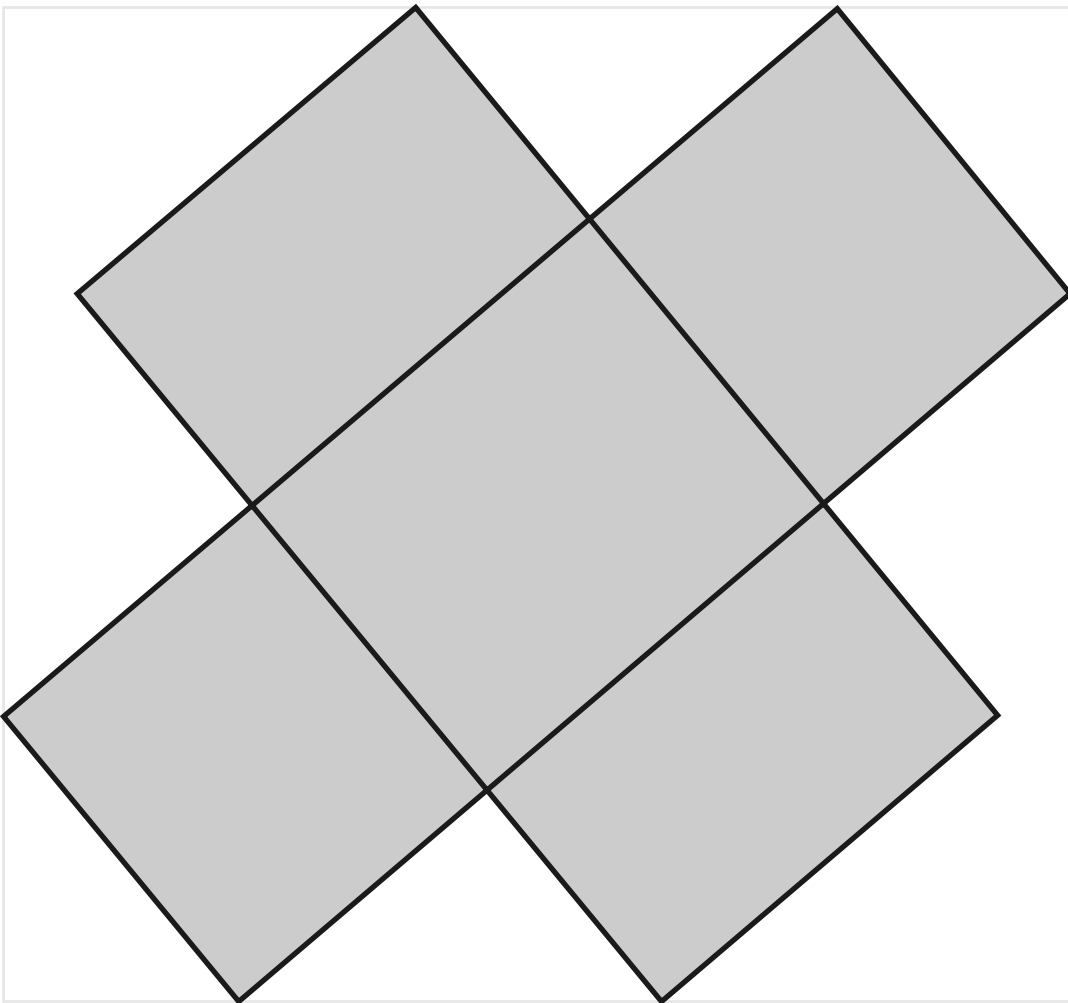
midway interpolation



'opsz=144.0 slnt=-10.0 width=25.0 wght=1000.0'

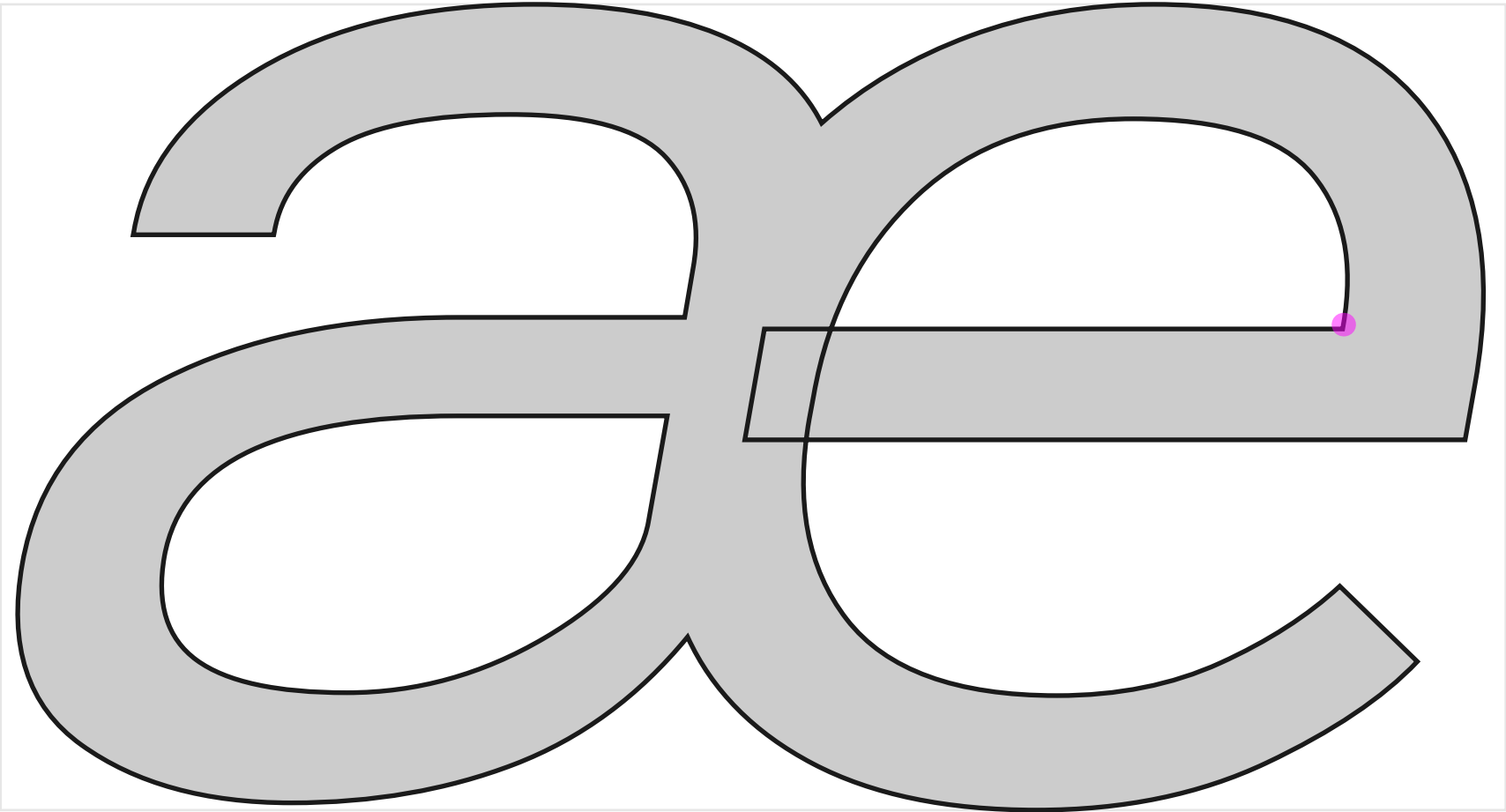


proposed fix

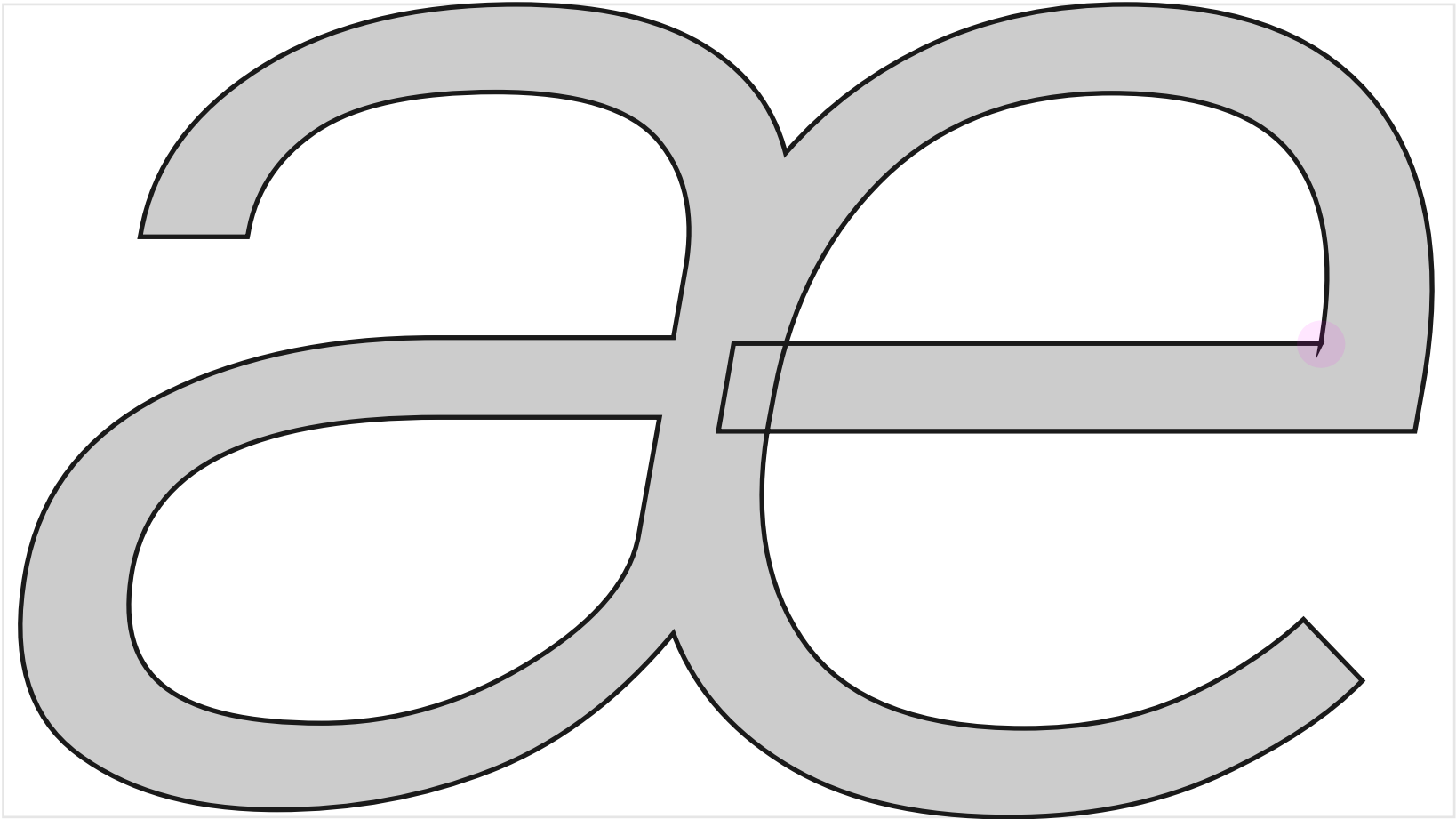


kink

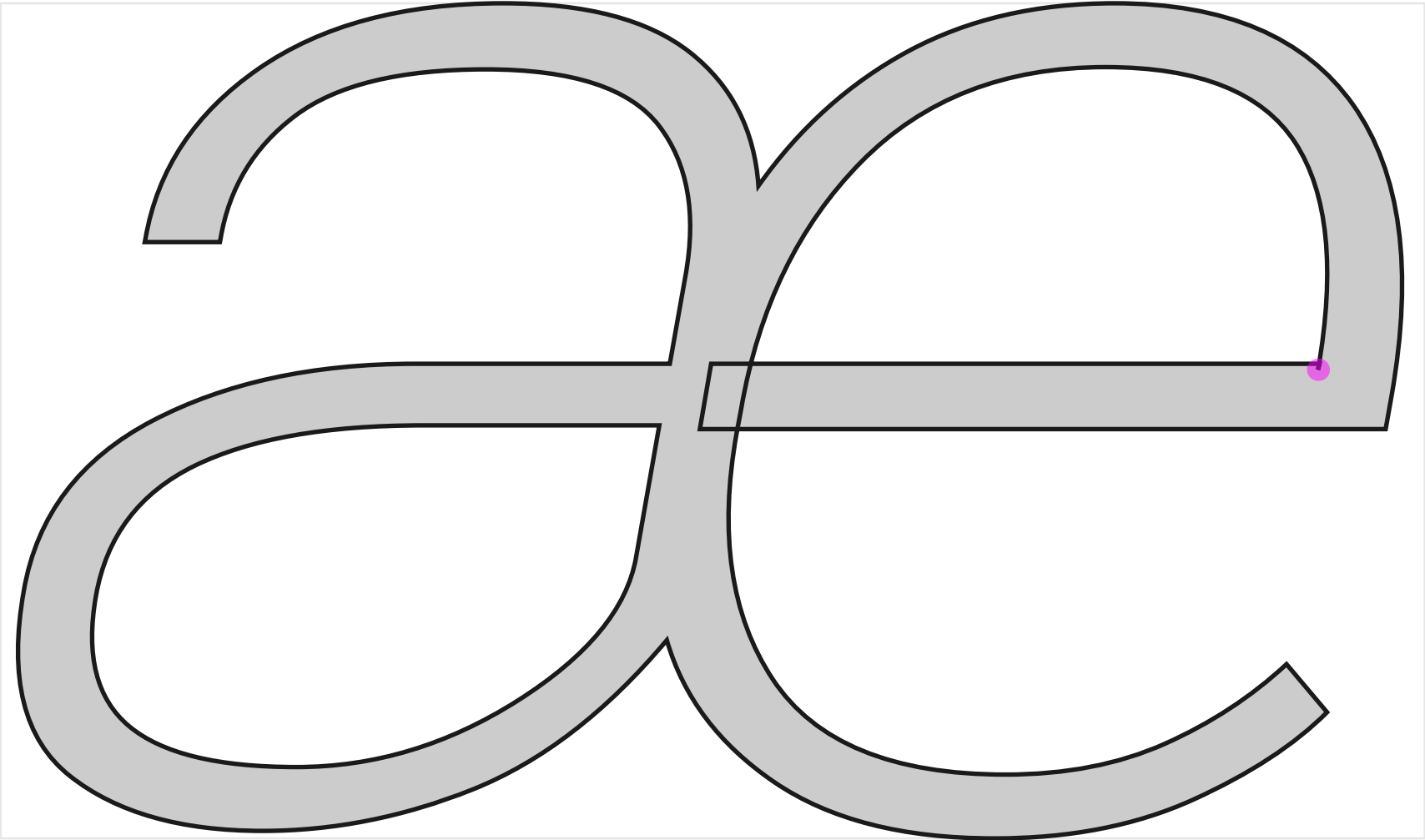
'slnt=-10.0 width=151.0'



midway interpolation



'slnt=-10.0 width=151.0 wght=100.0'

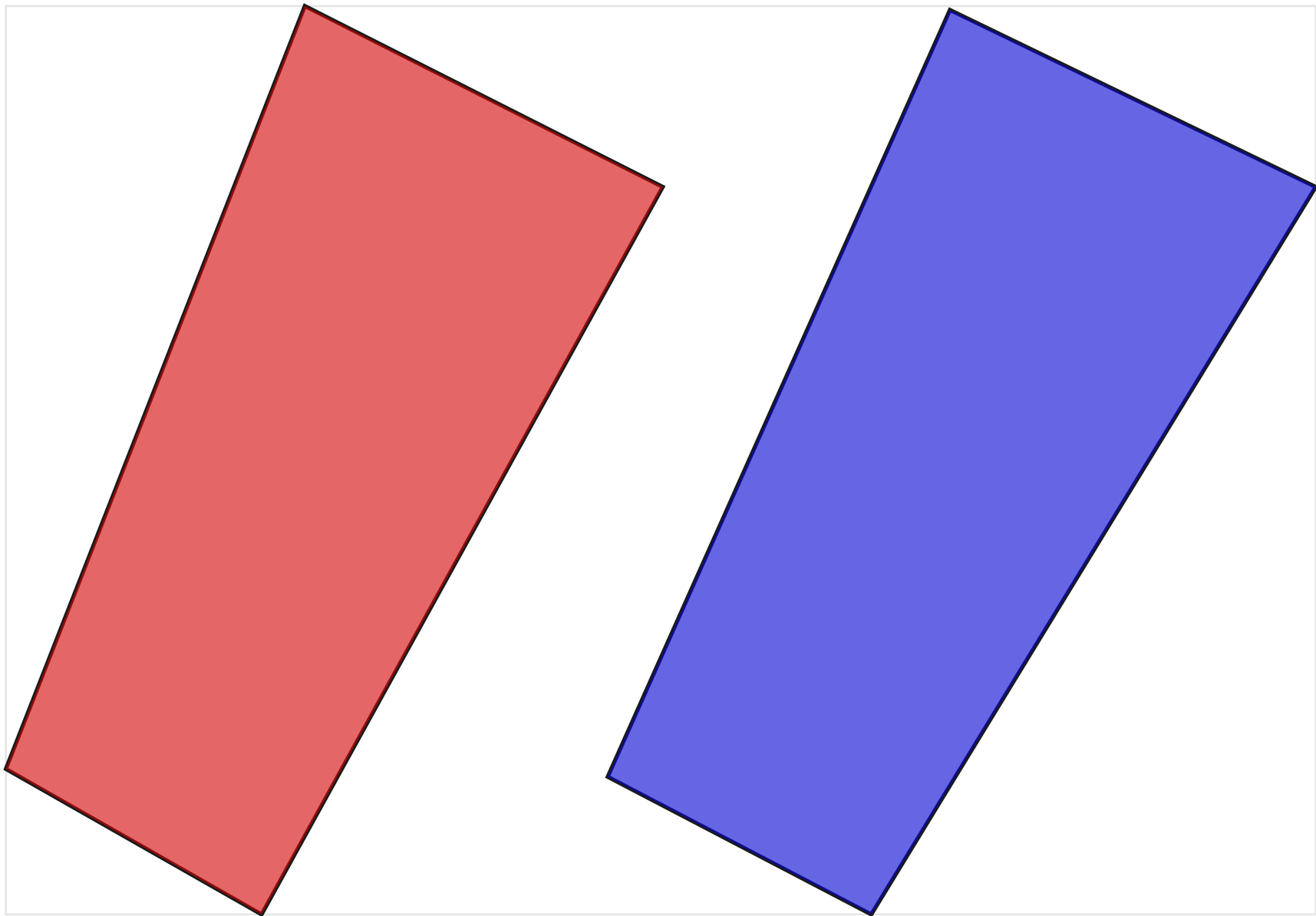


proposed fix

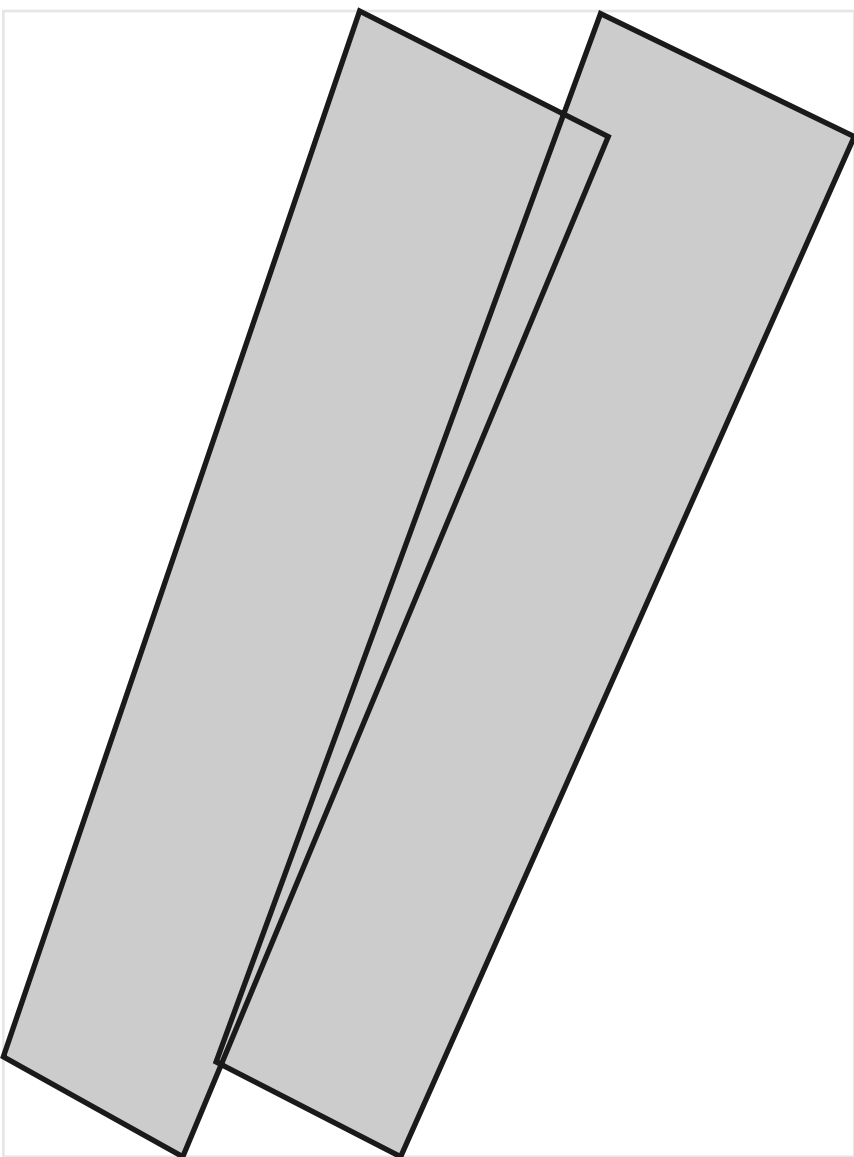


contour\_order

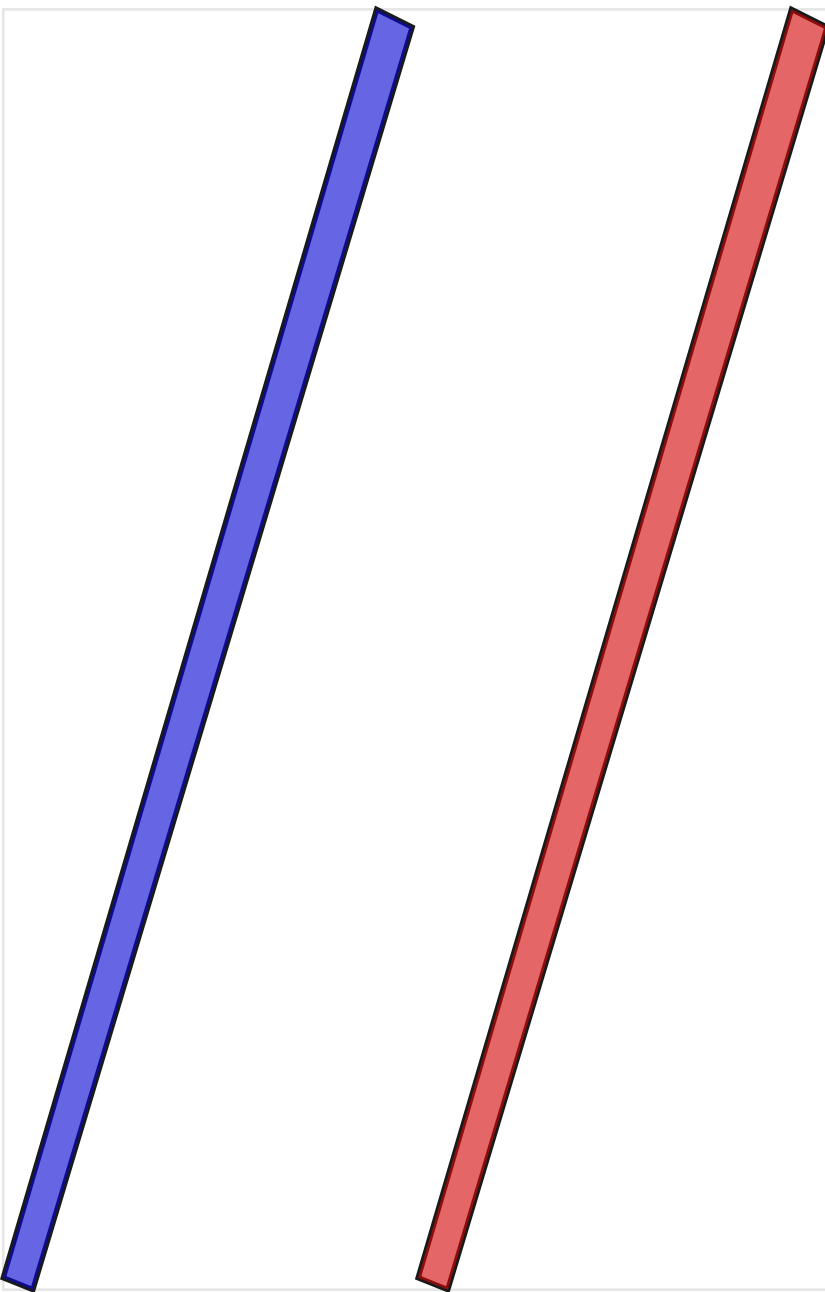
'opsz=144.0 width=25.0'



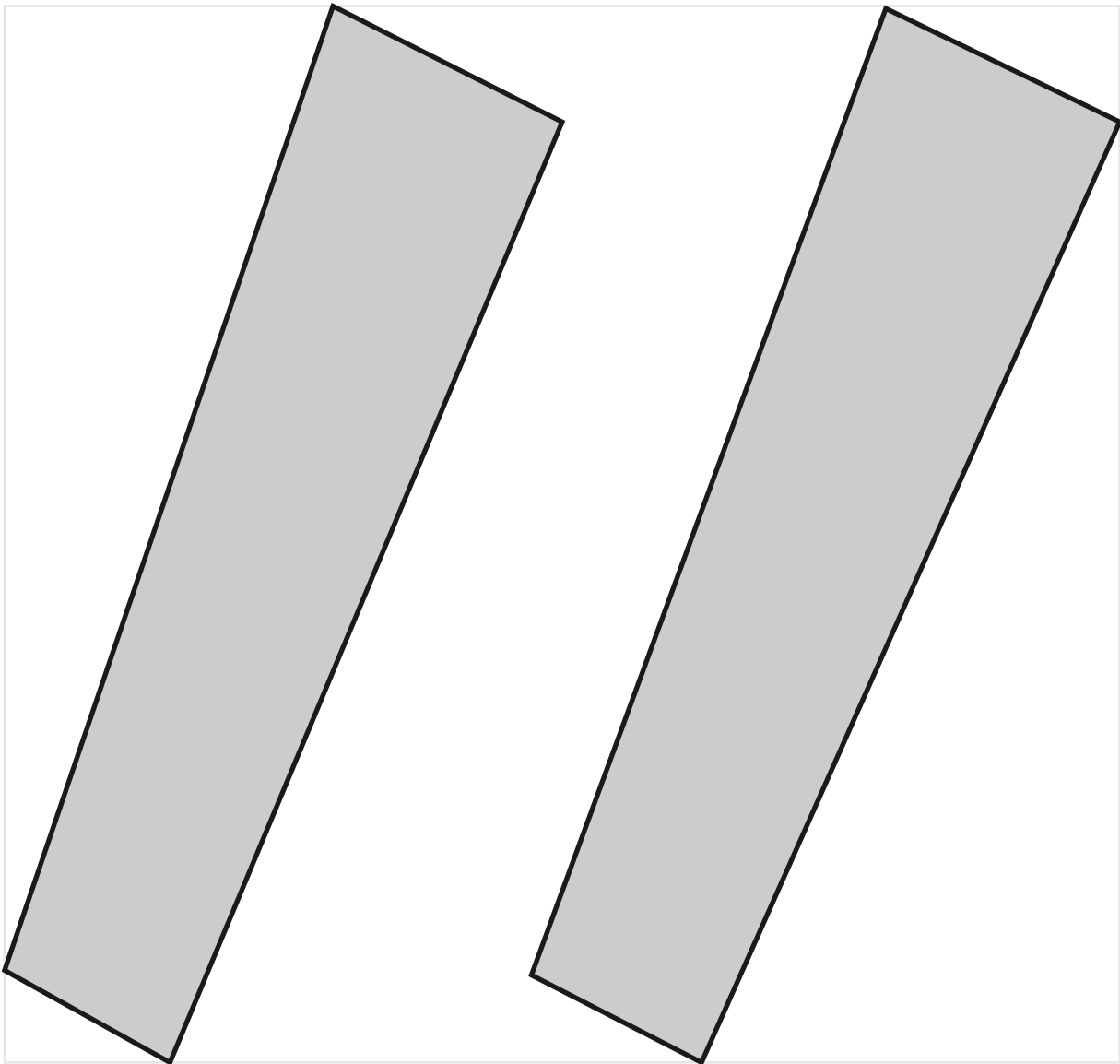
midway interpolation



'opsz=144.0 width=25.0 wght=100.0'



proposed fix

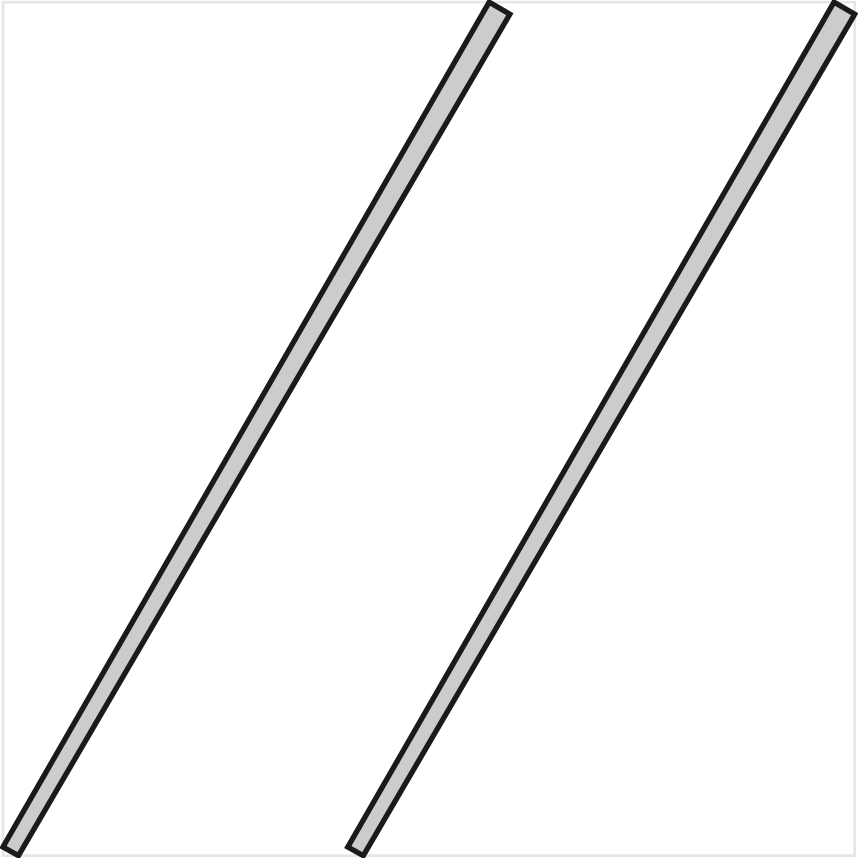
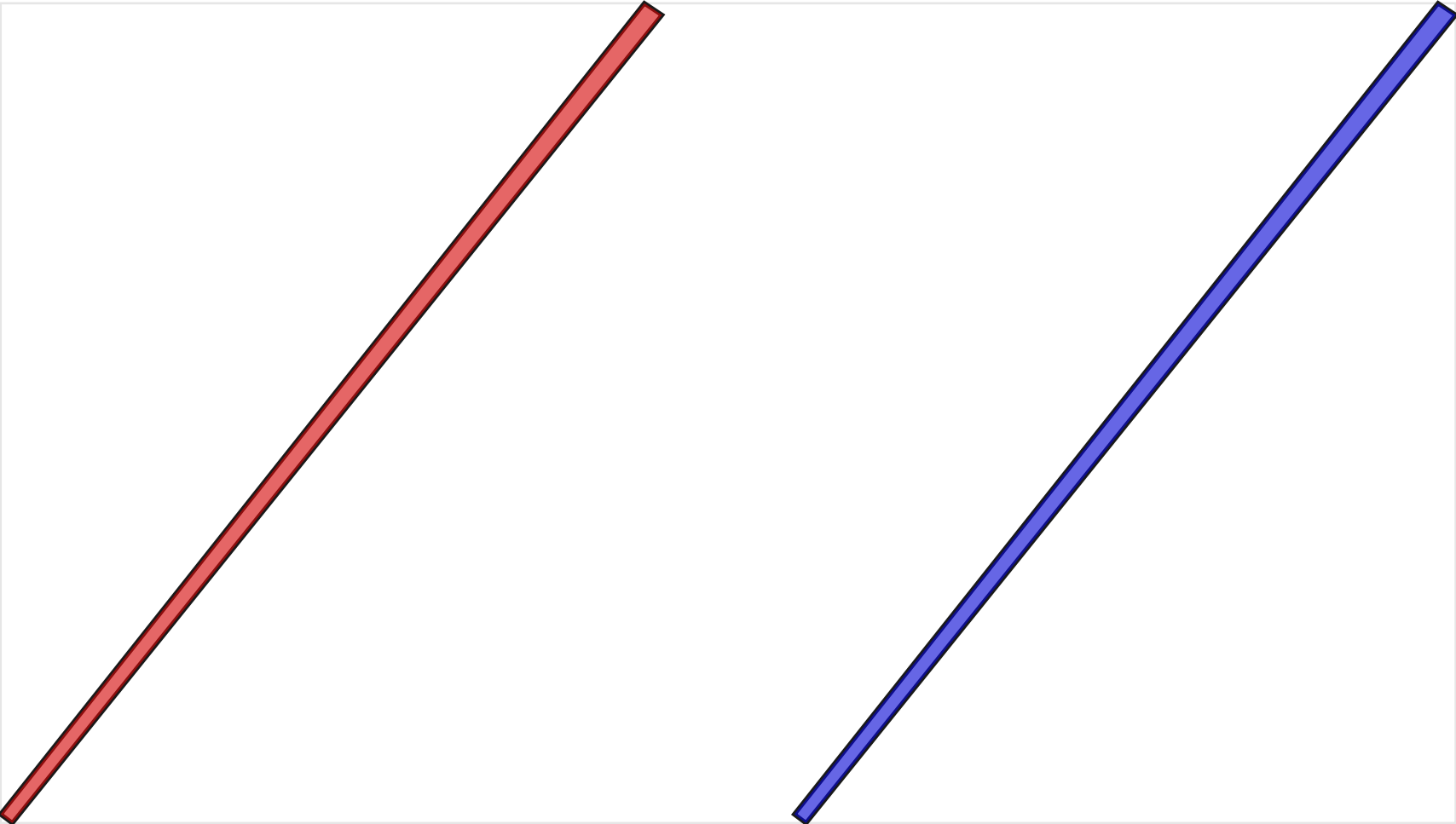




contour\_order

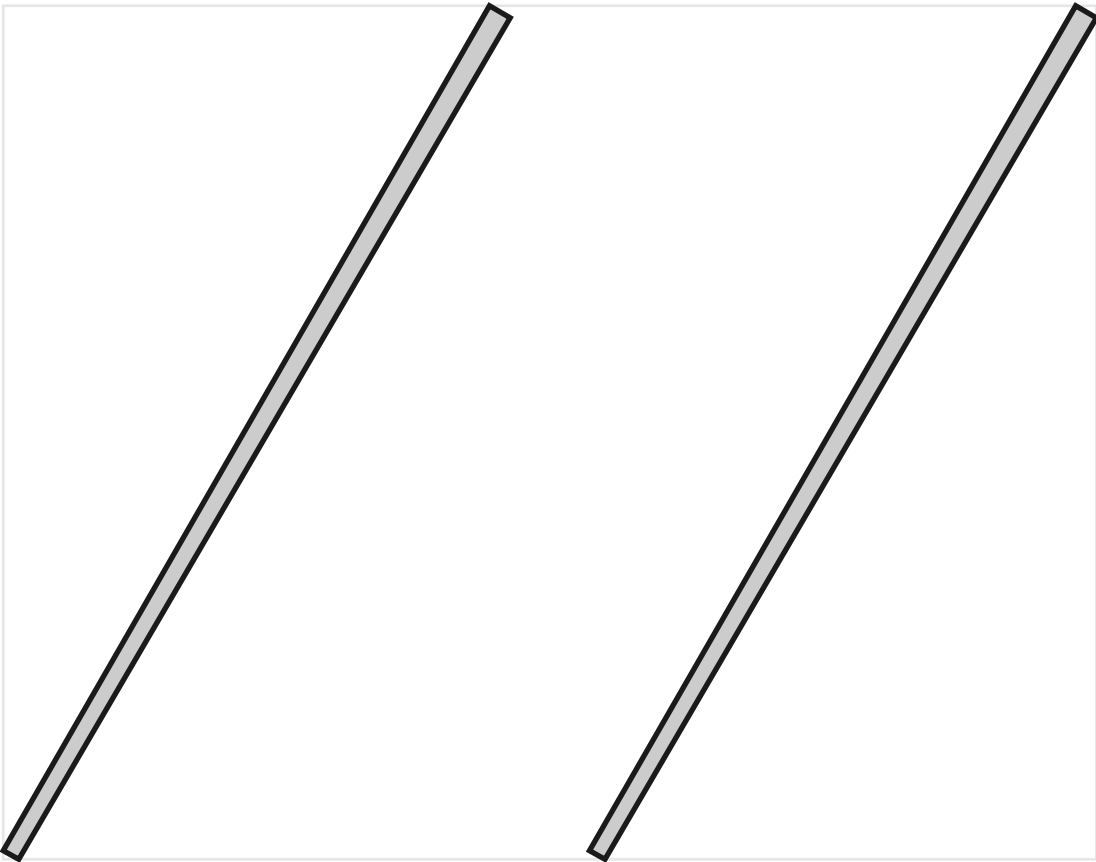
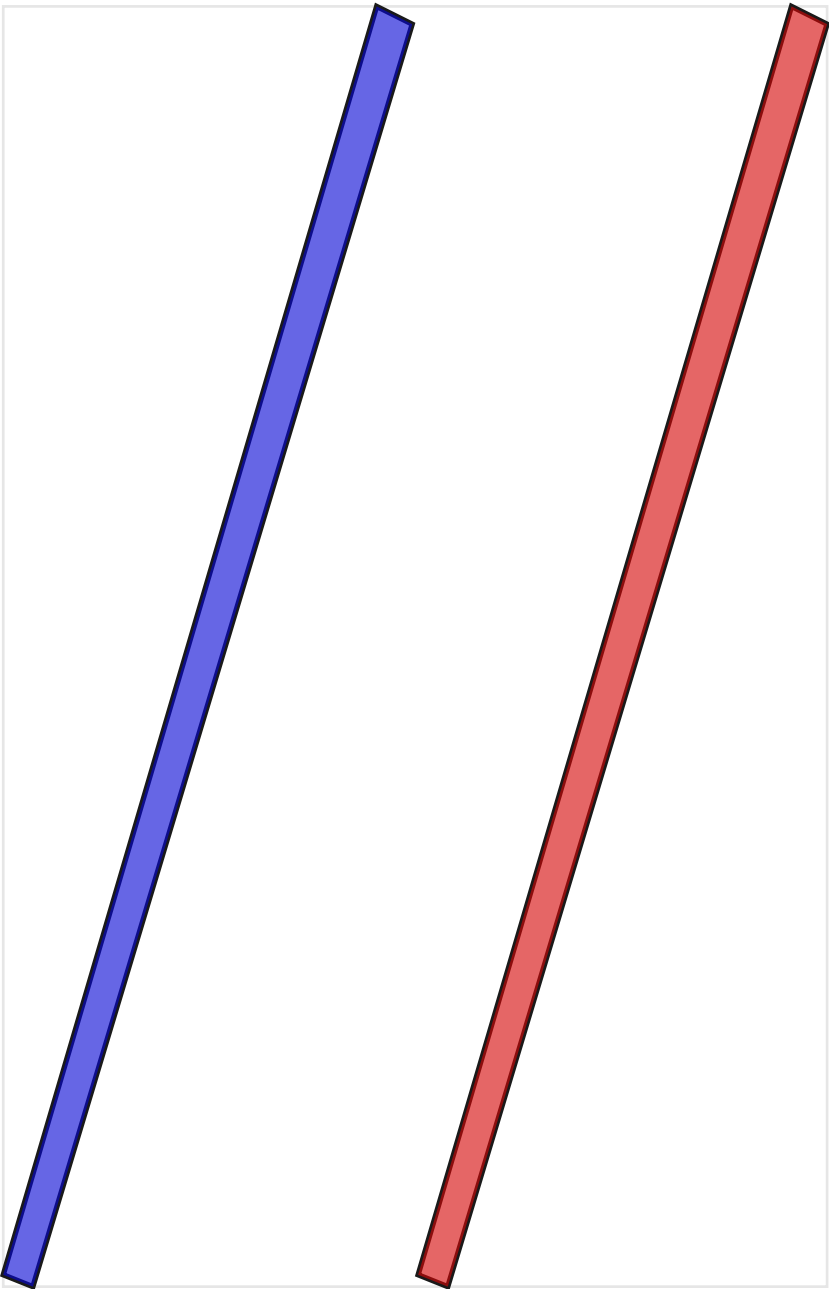
'GRAD=-200.0 opsz=144.0 wght=100.0'

midway interpolation



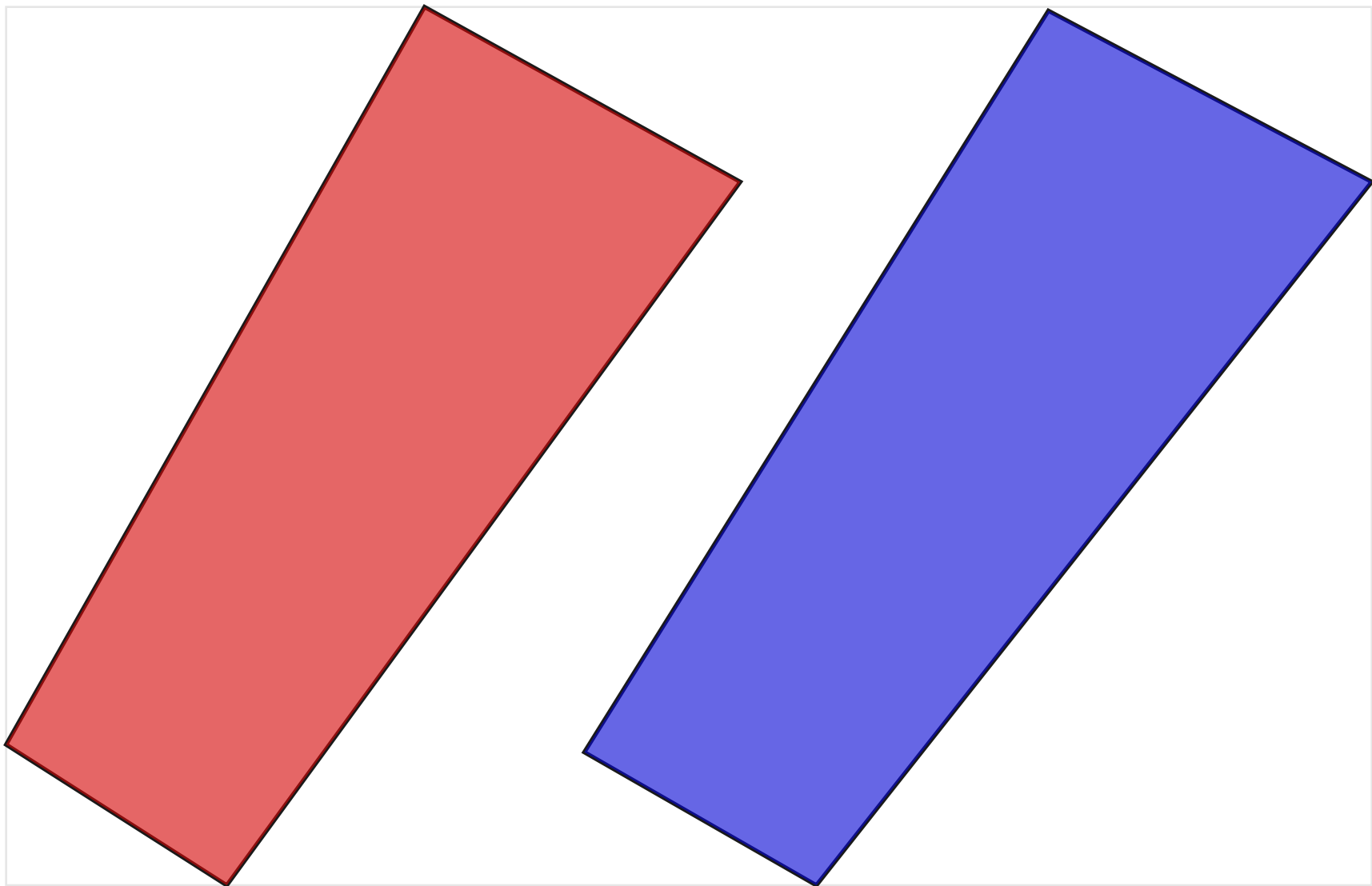
'GRAD=-200.0 opsz=144.0 width=25.0 wght=100.0'

proposed fix

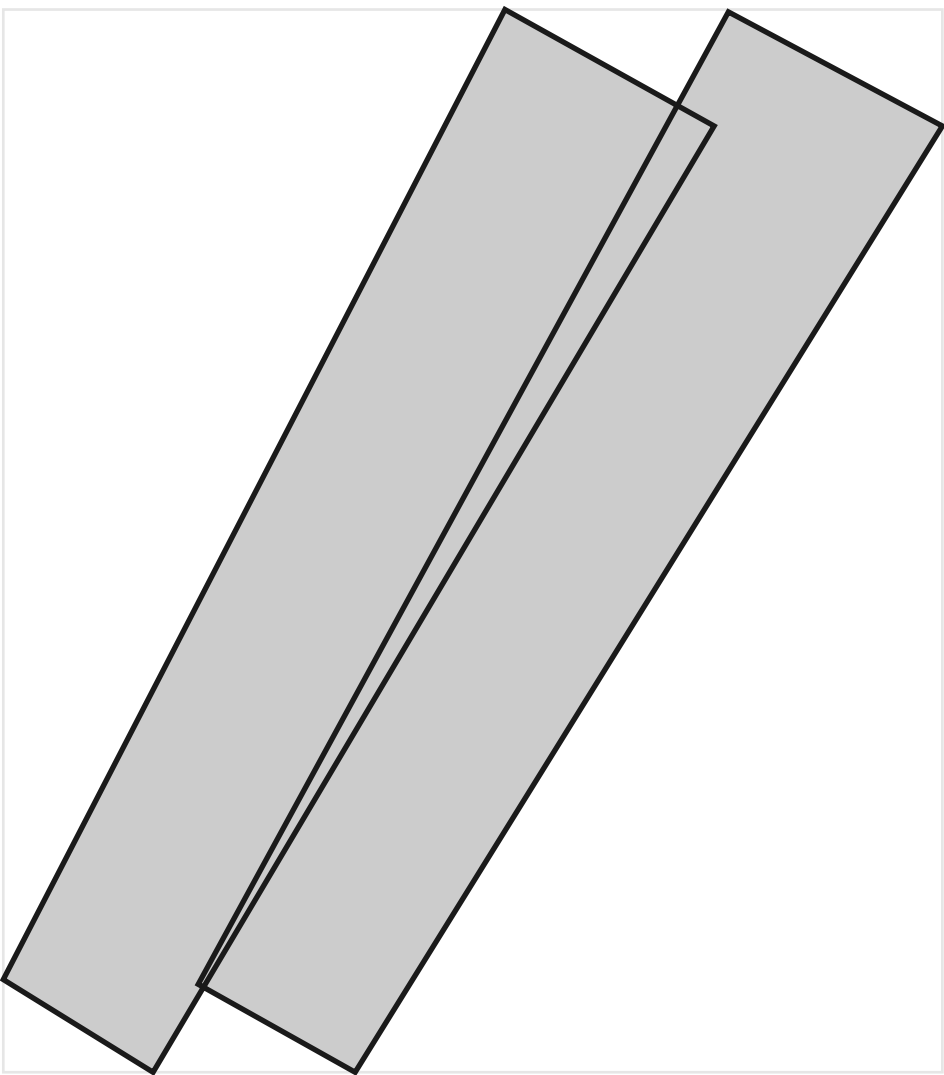


contour\_order

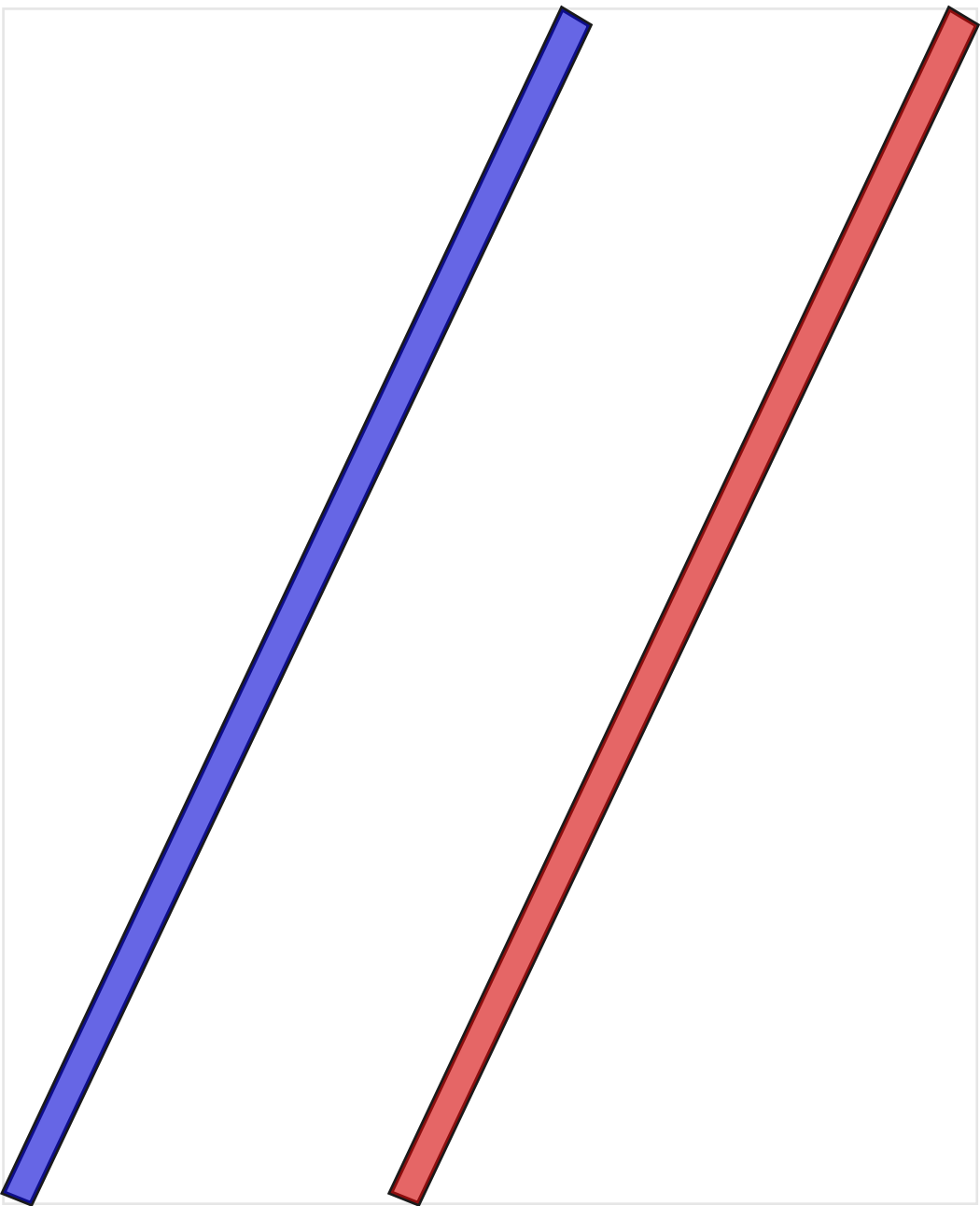
'opsz=144.0 slnt=-10.0 width=25.0'



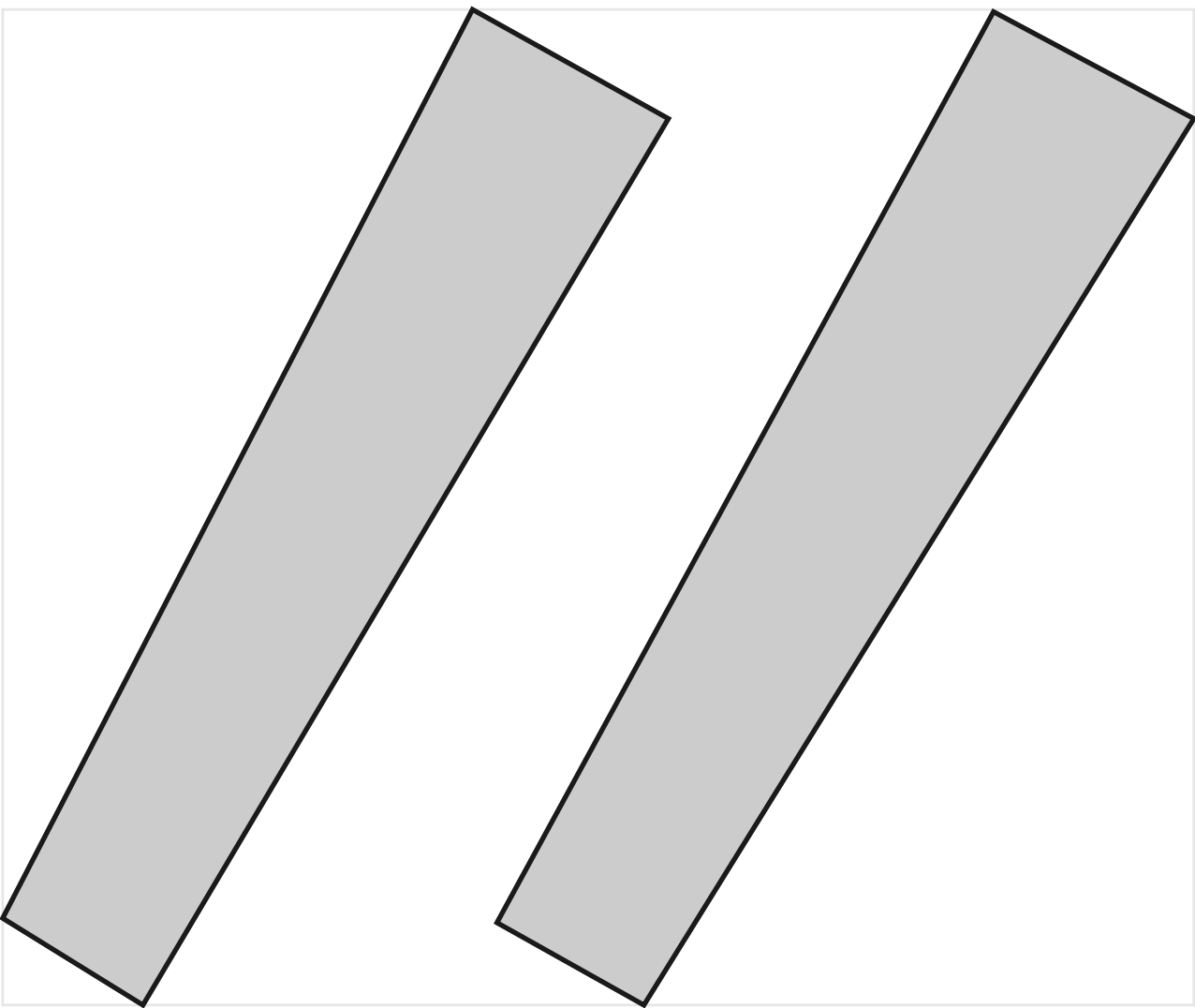
midway interpolation



'opsz=144.0 slnt=-10.0 width=25.0 wght=100.0'

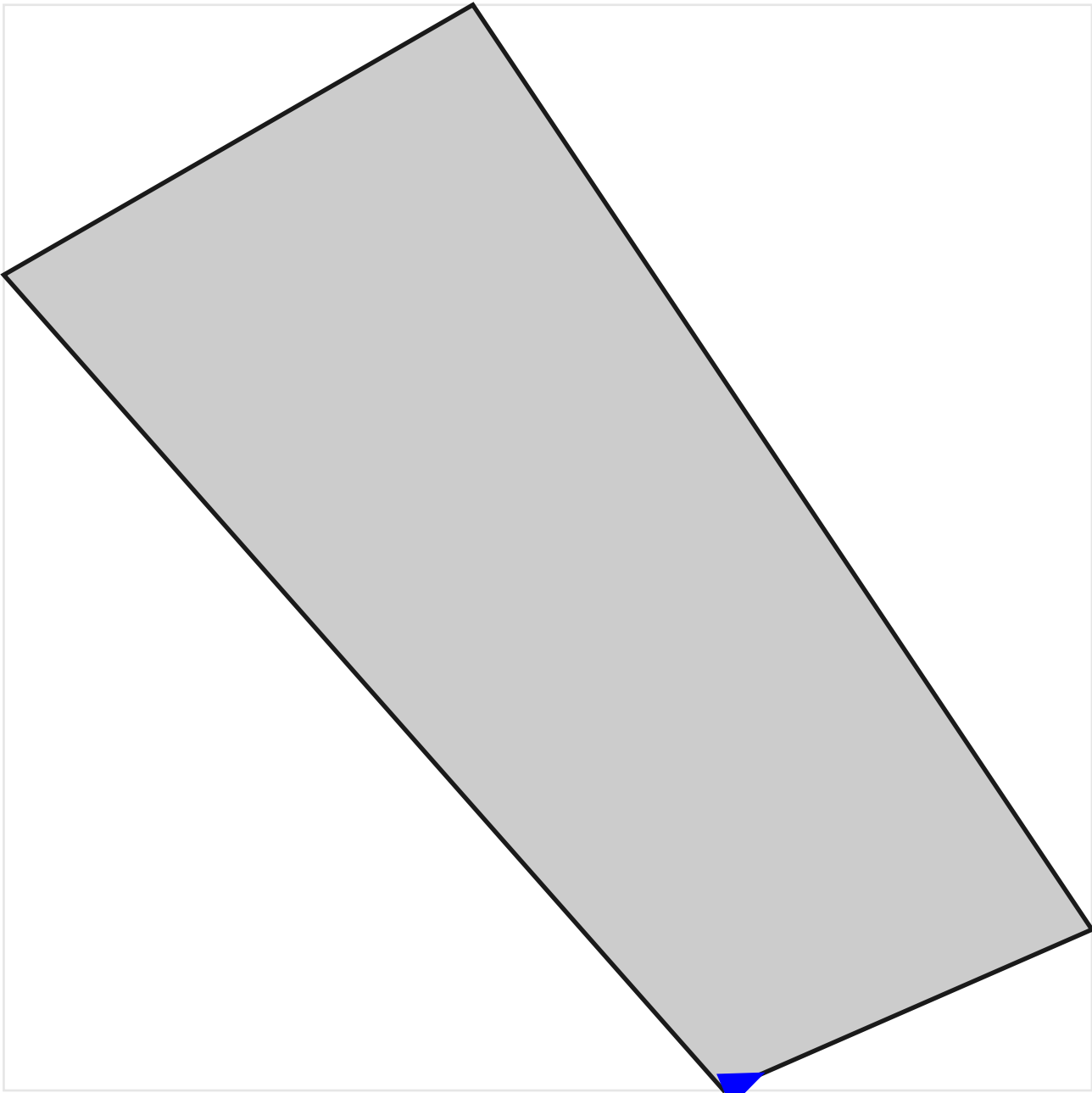


proposed fix

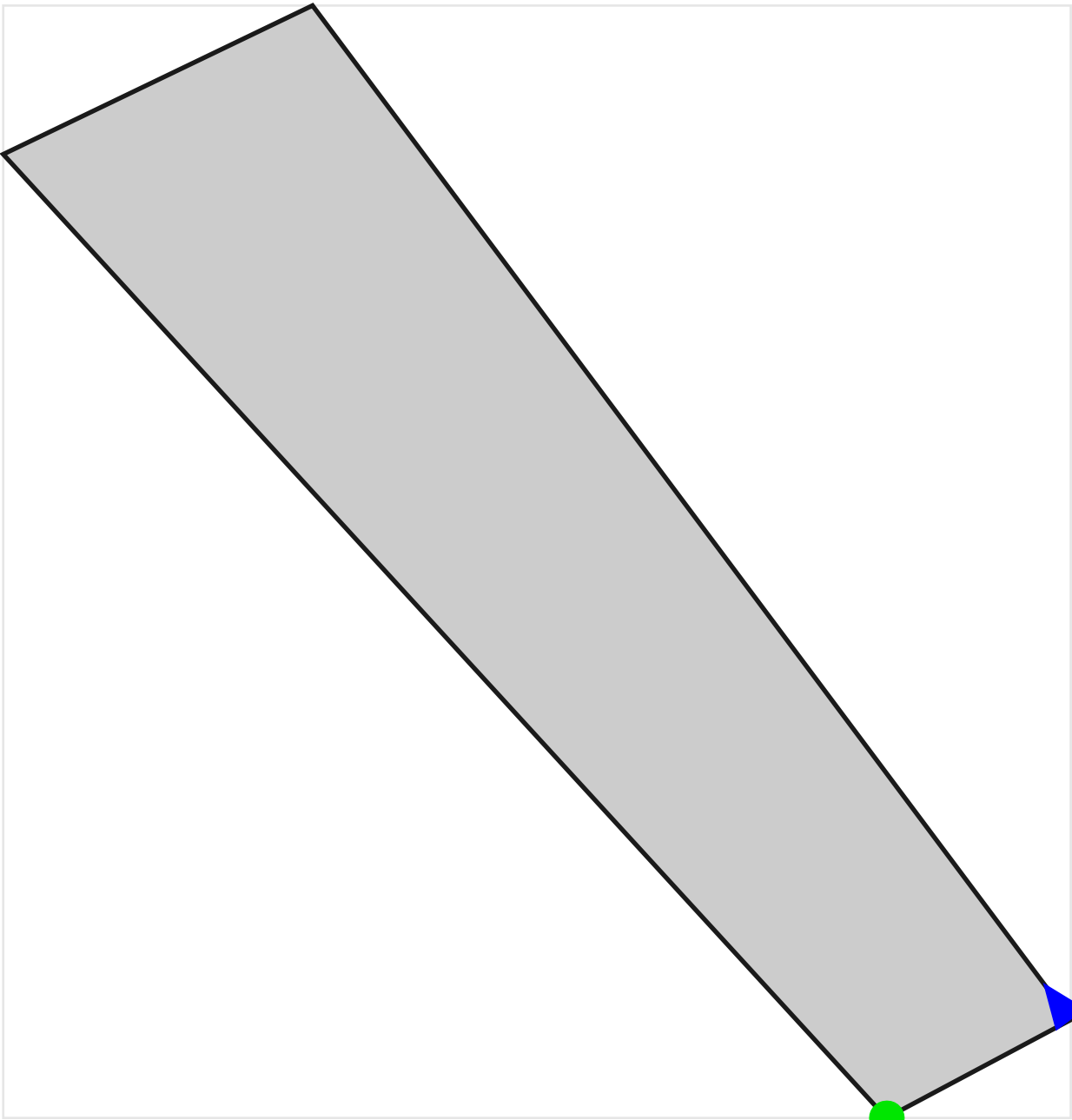


wrong\_start\_point

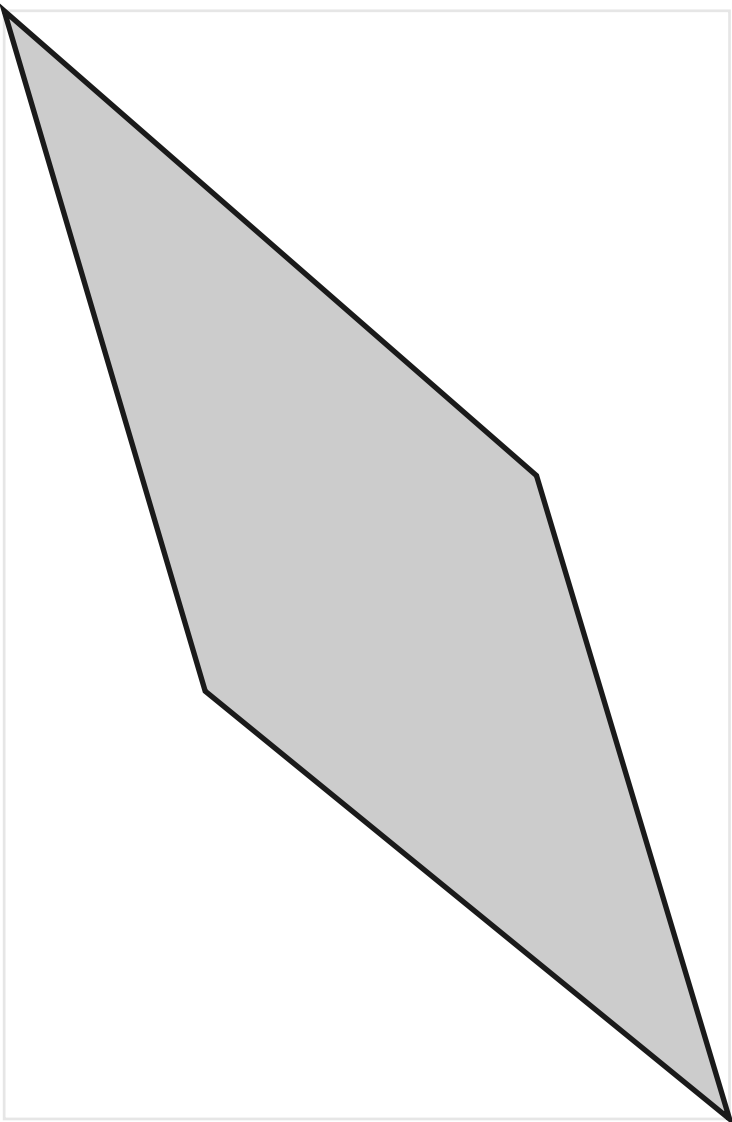
'width=151.0'



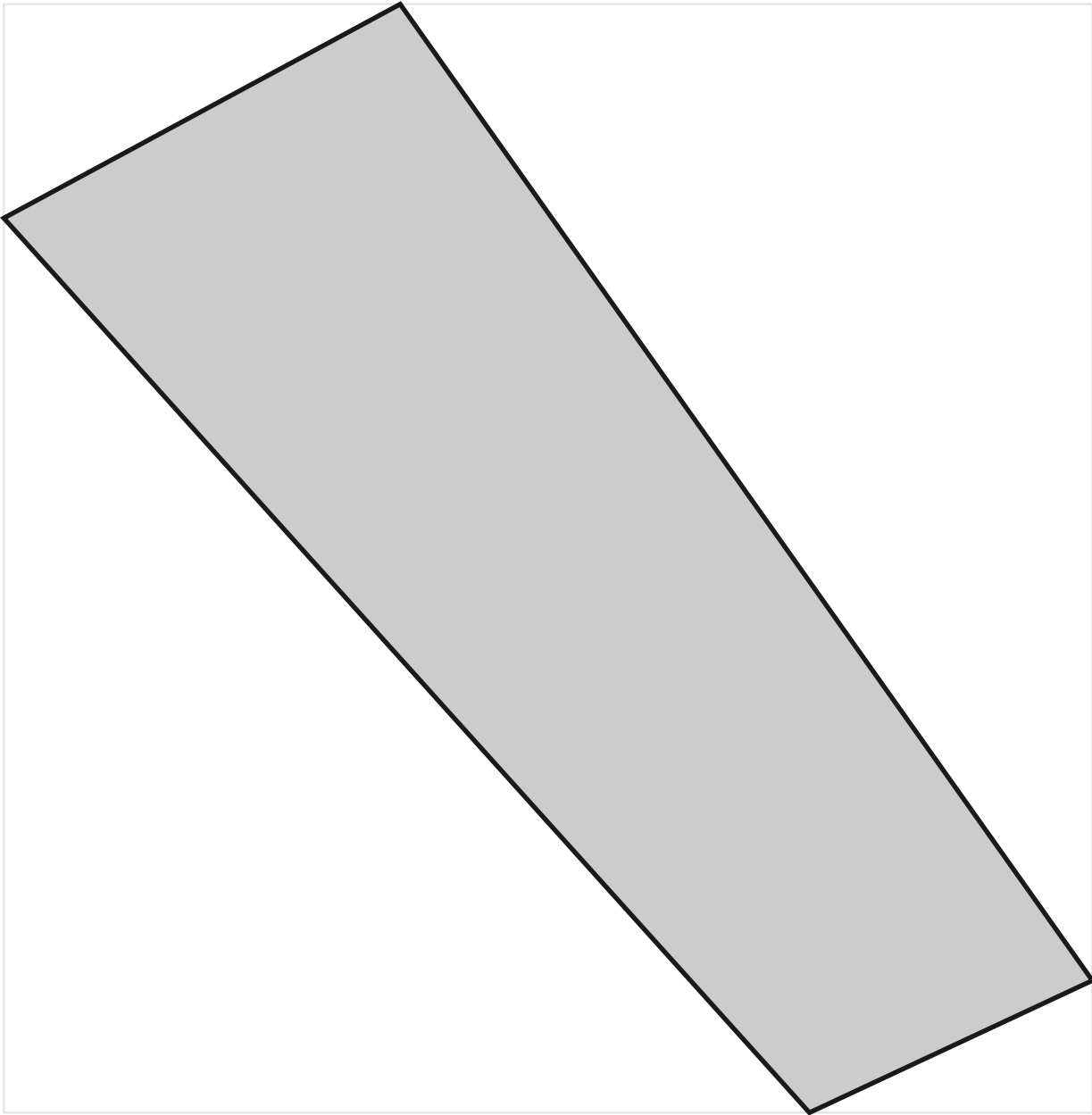
'width=151.0 wght=100.0'



midway interpolation

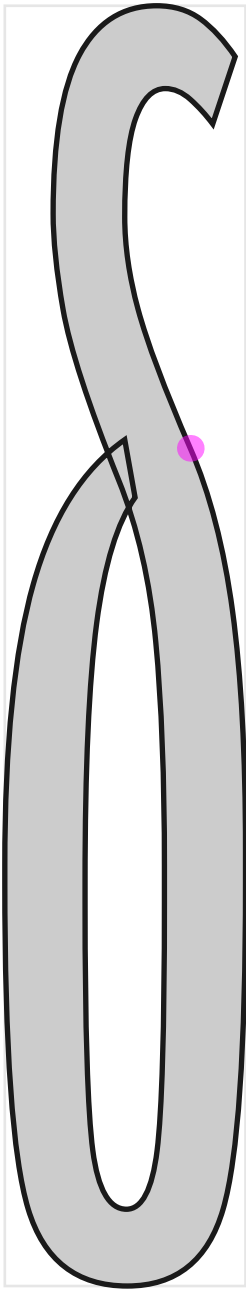


proposed fix

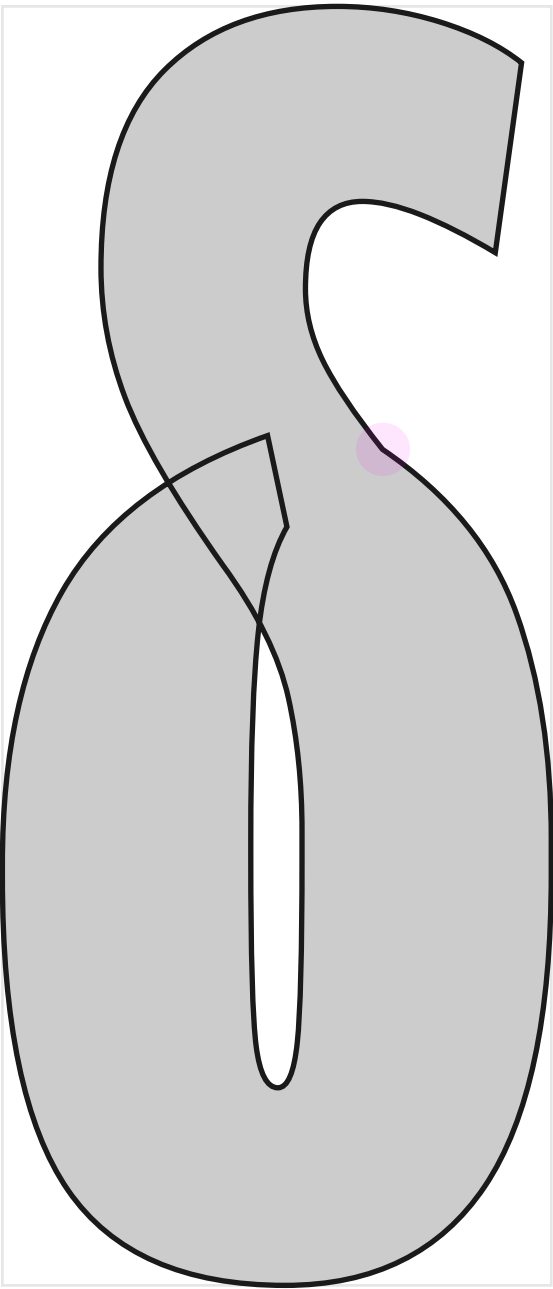


kink

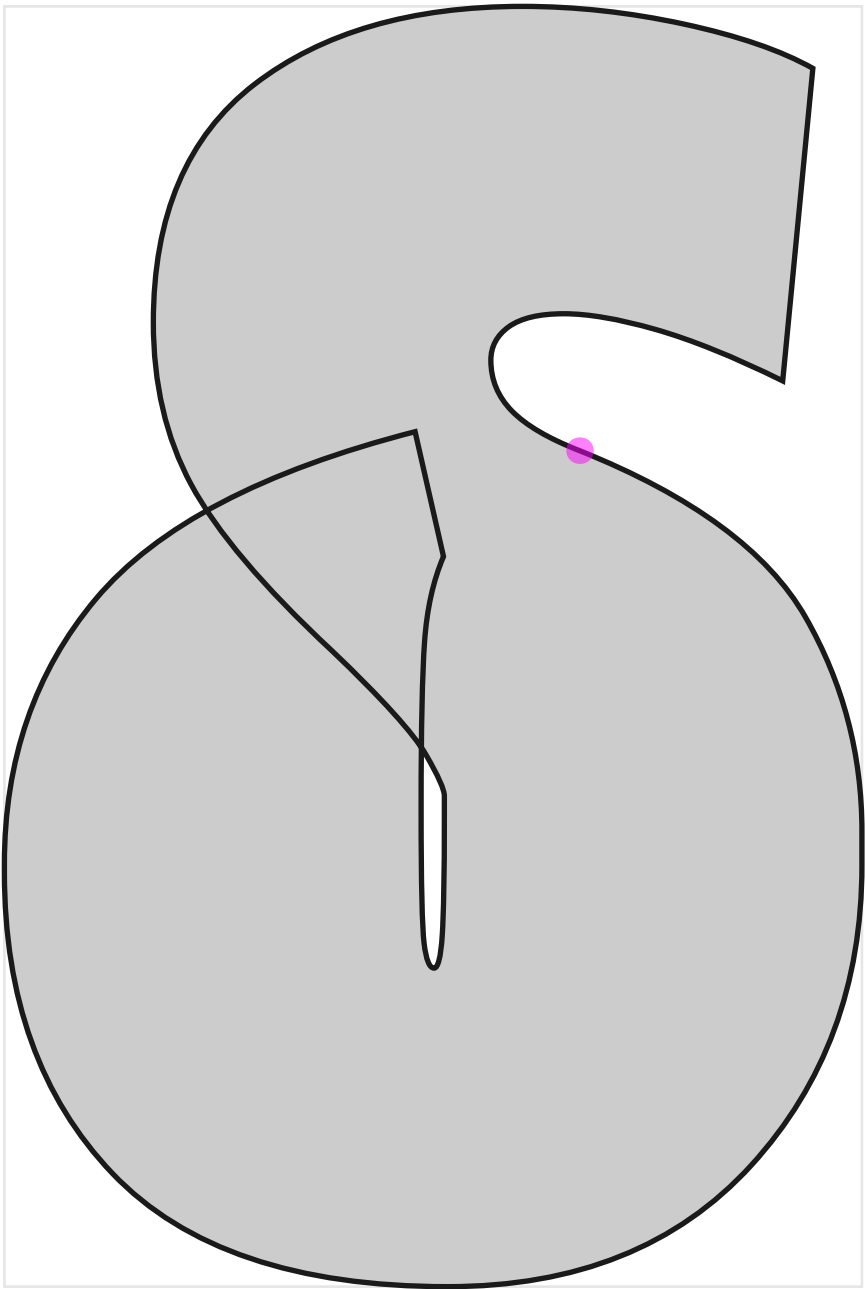
'opsz=144.0 width=25.0'



midway interpolation



'opsz=144.0 width=25.0 wght=1000.0'

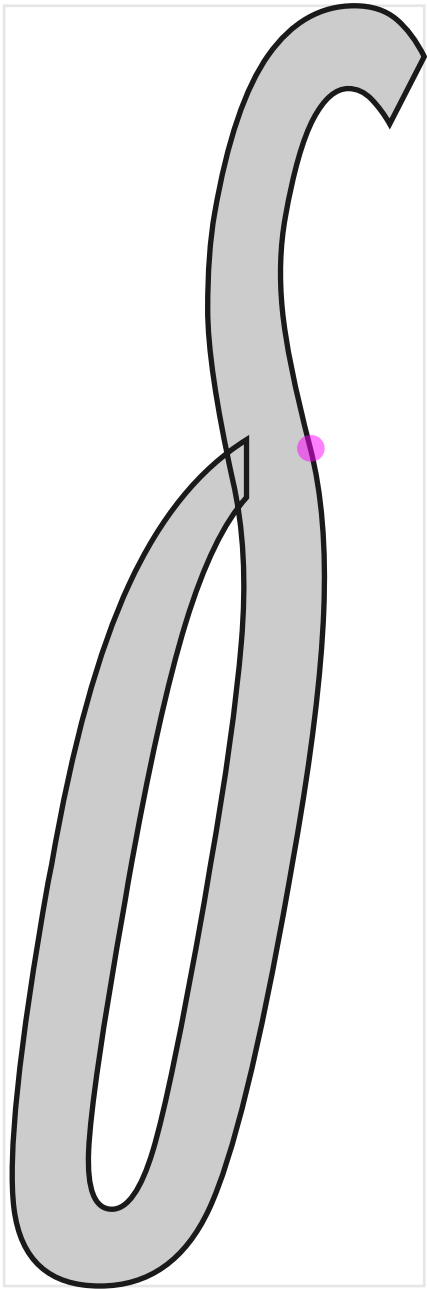


proposed fix

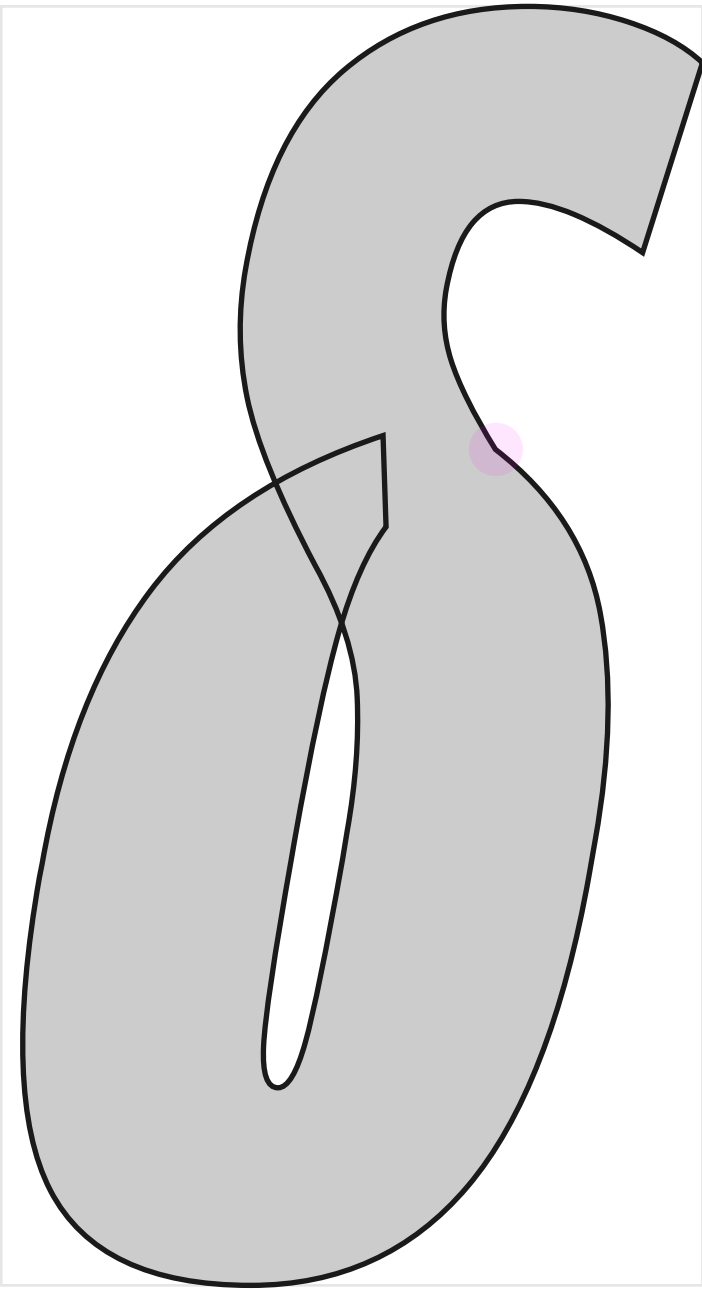


kink

'opsz=144.0 slnt=-10.0 width=25.0'

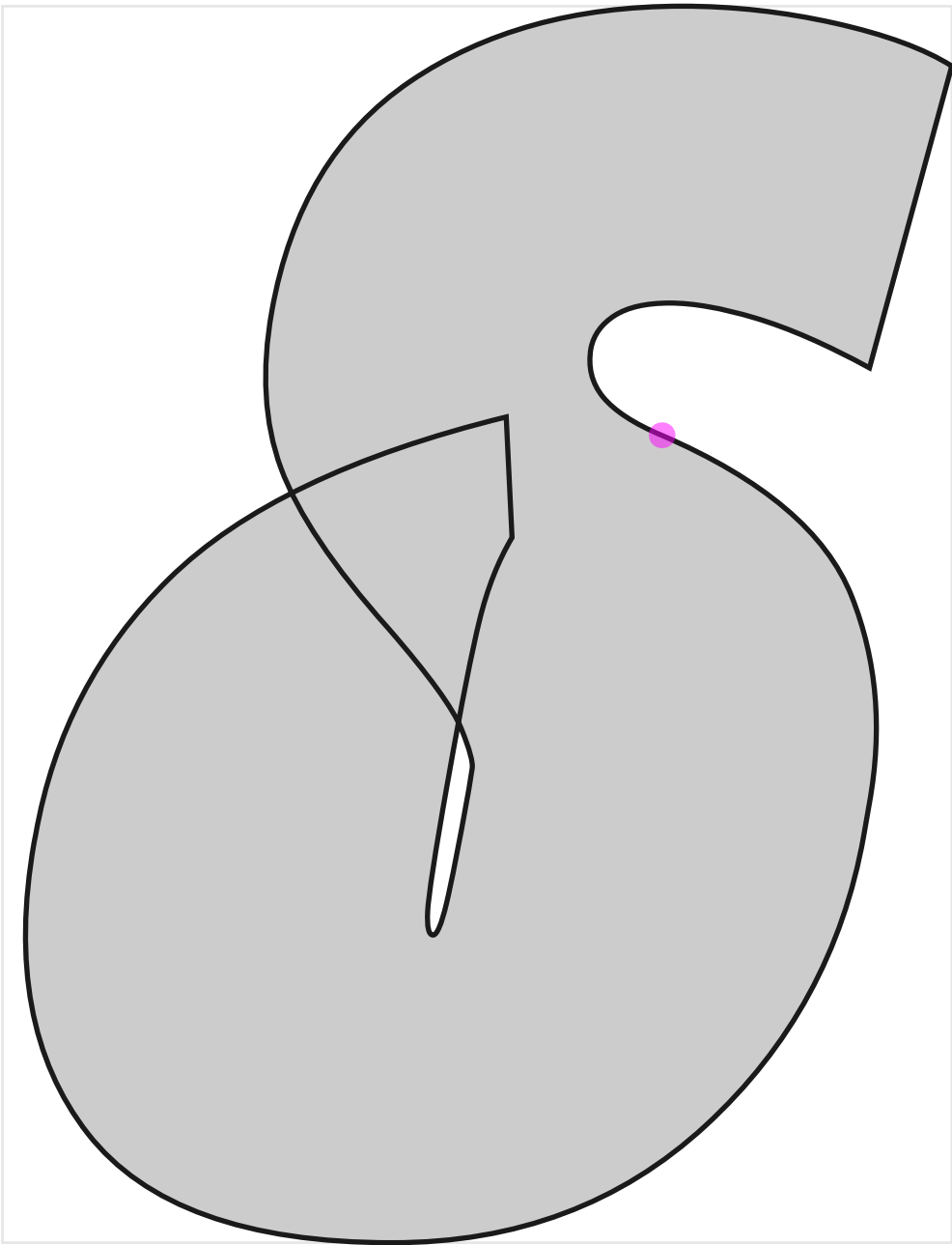


midway interpolation



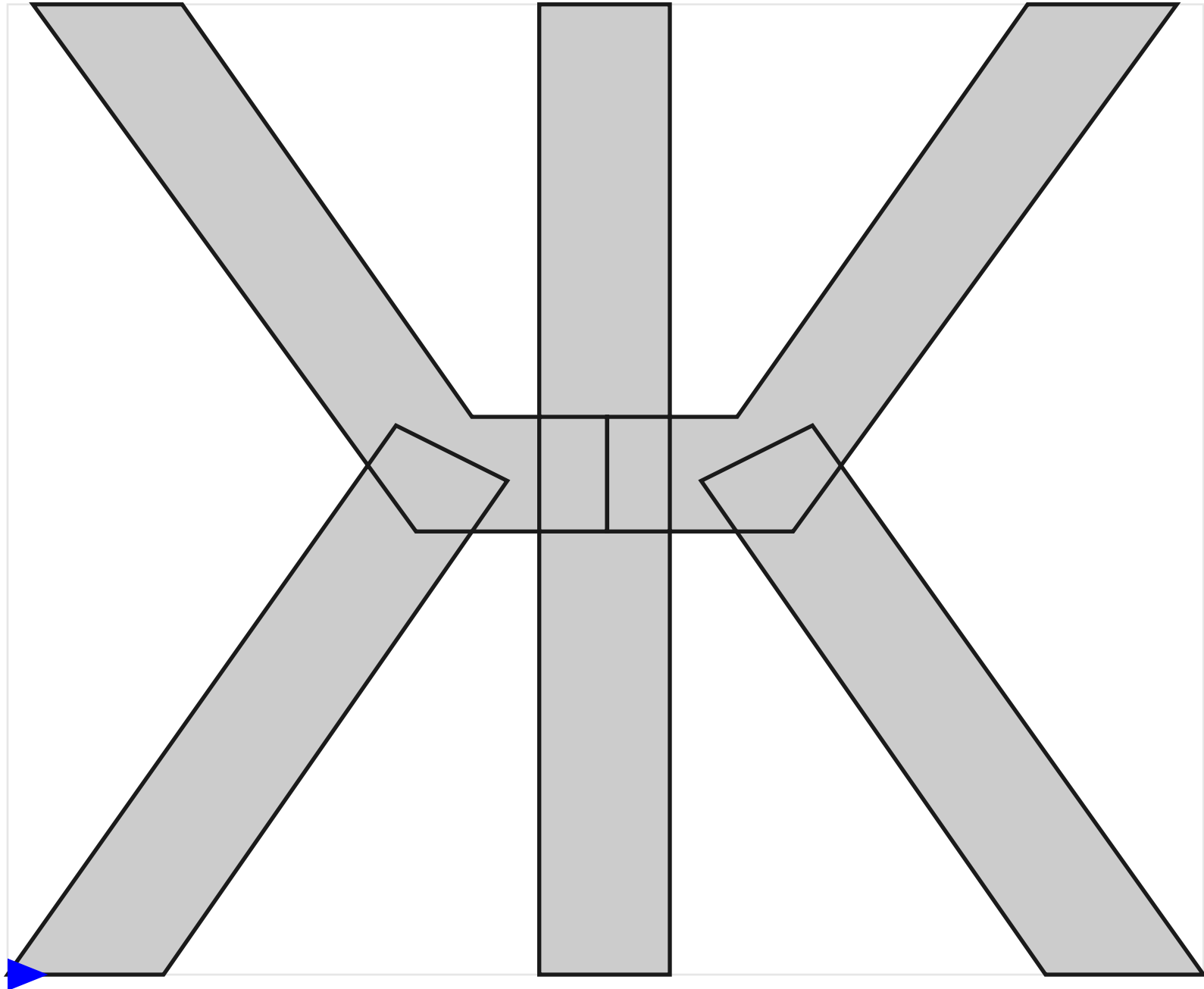
'opsz=144.0 slnt=-10.0 width=25.0 wght=1000.0'

proposed fix

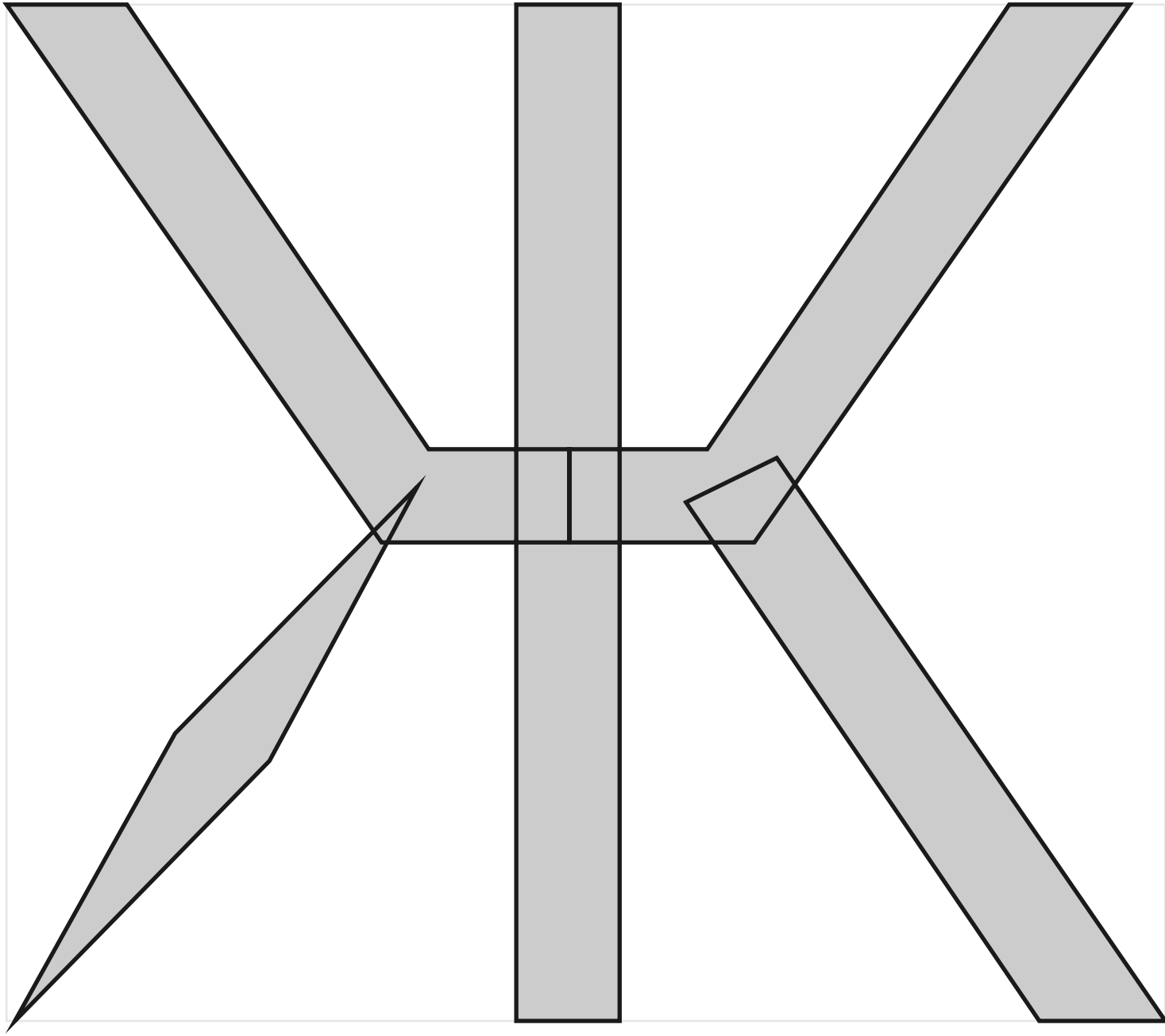


wrong\_start\_point

'opsz=8.0 width=25.0'

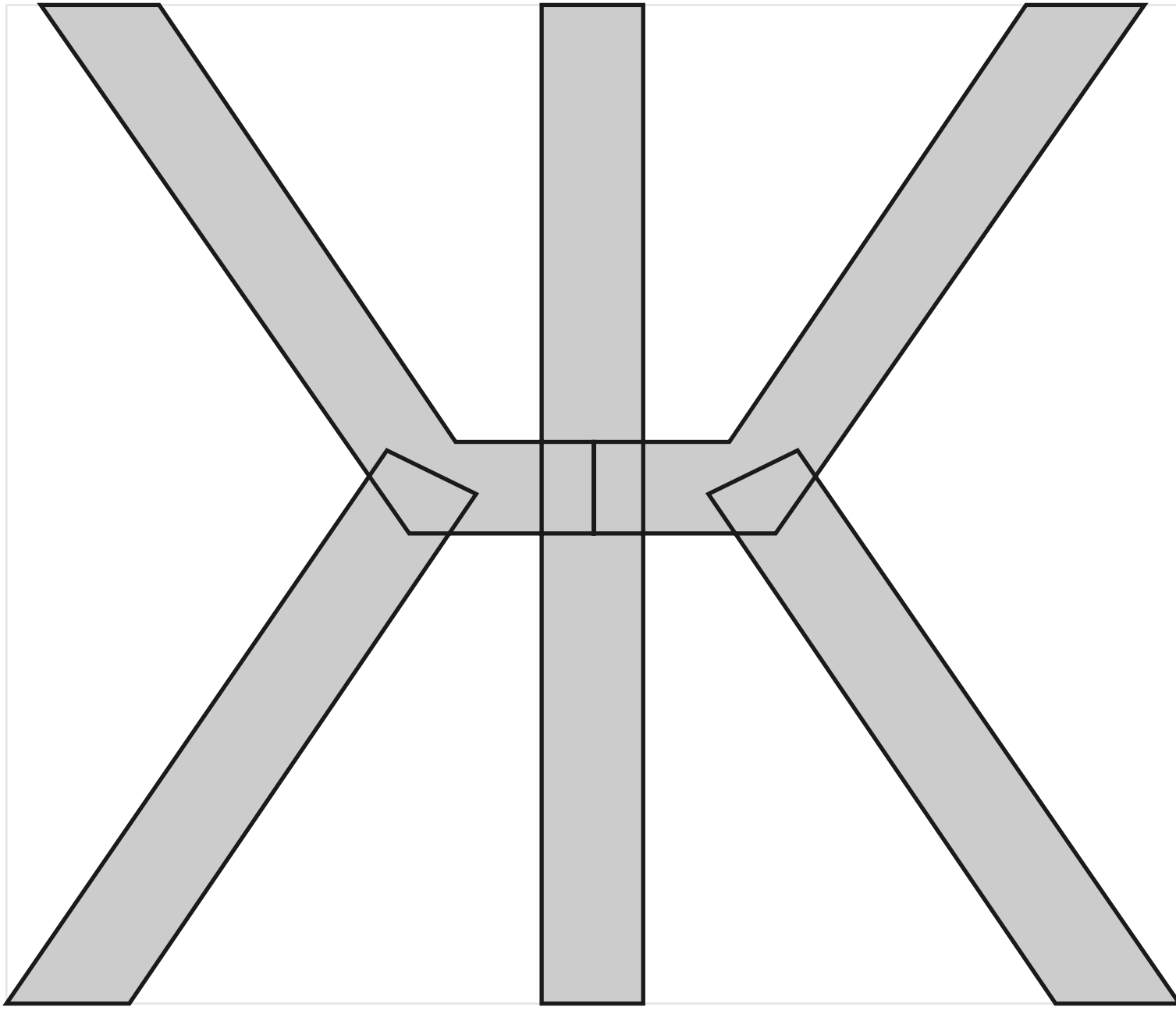
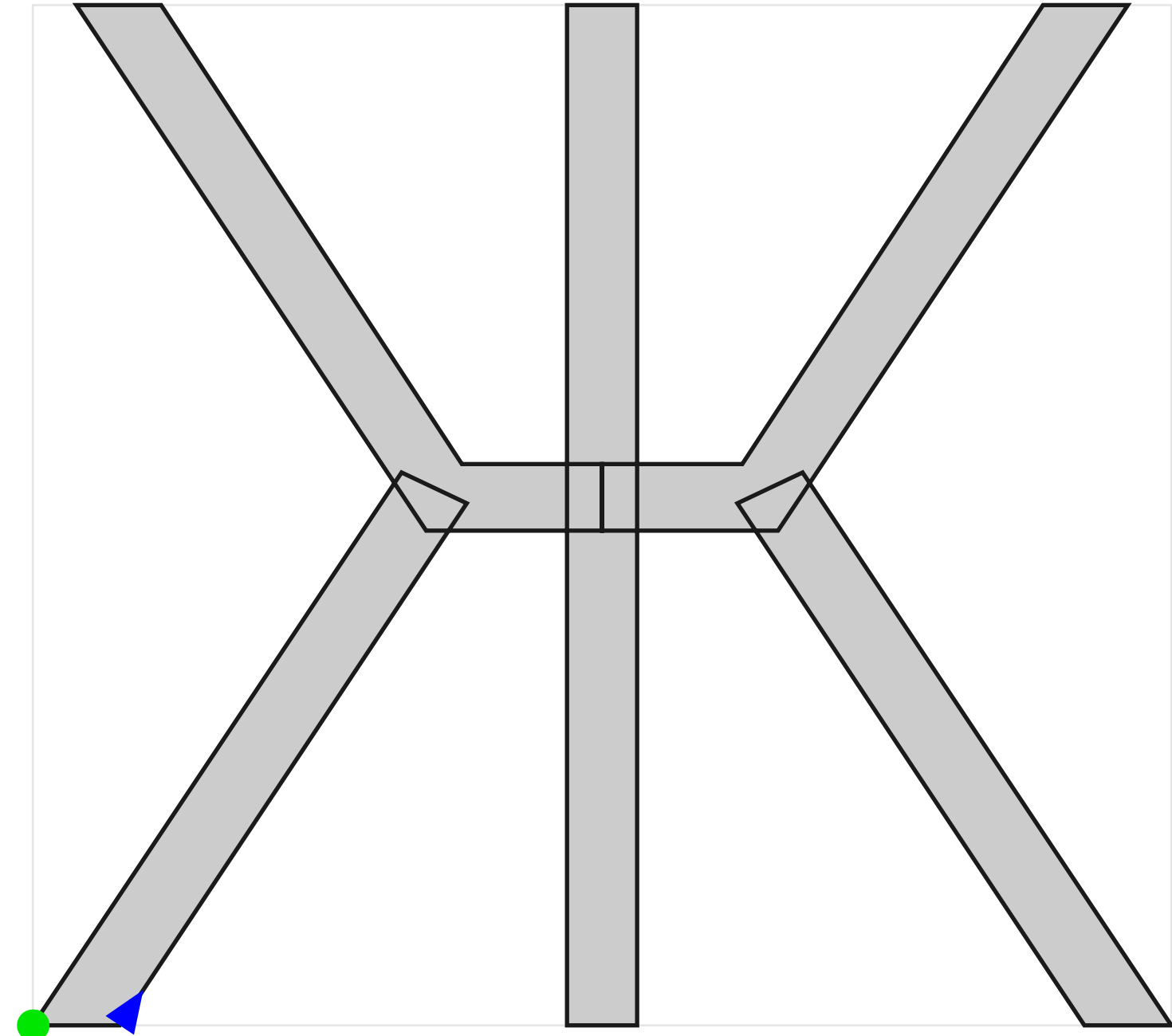


midway interpolation



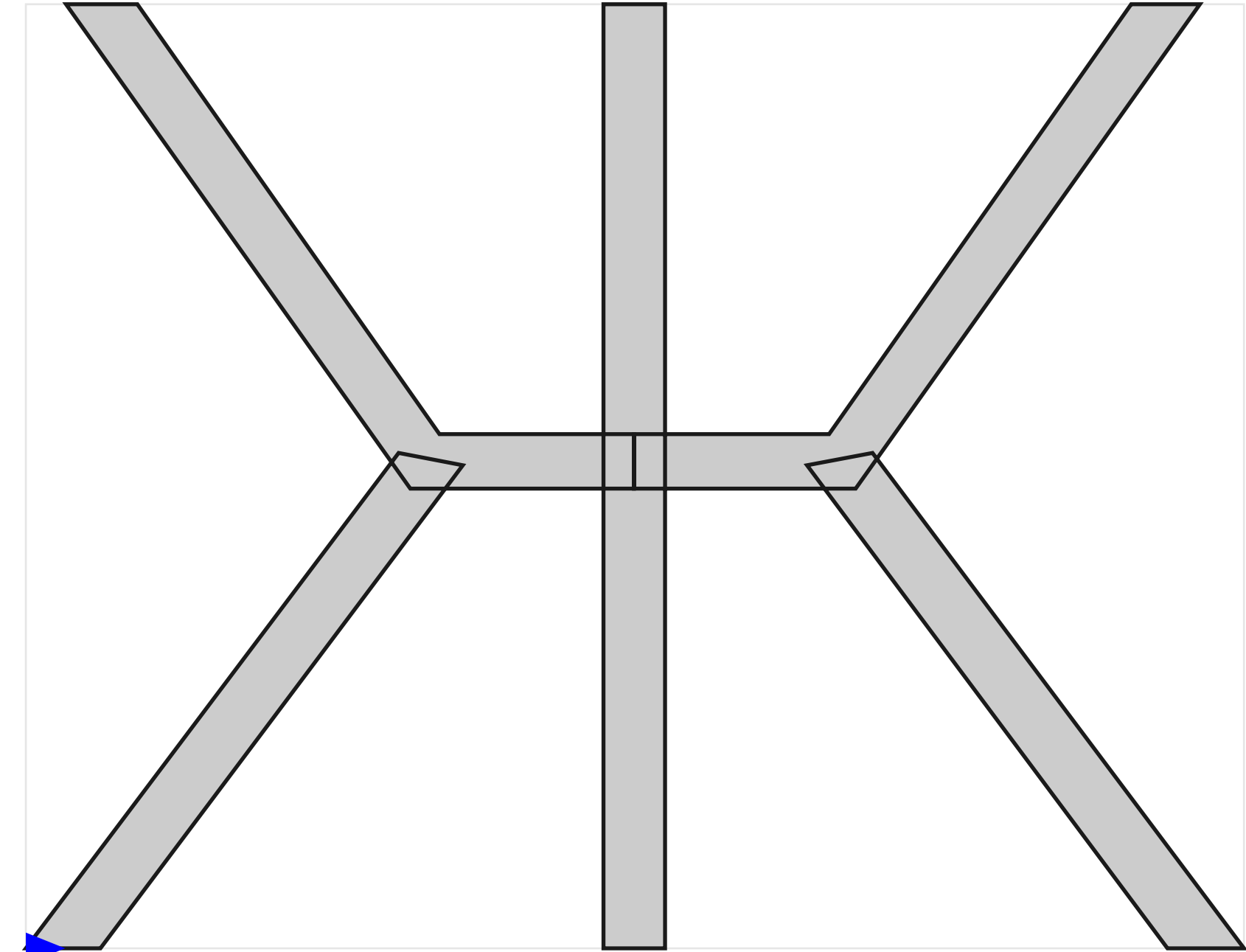
'opsz=8.0 width=25.0 wght=100.0'

proposed fix

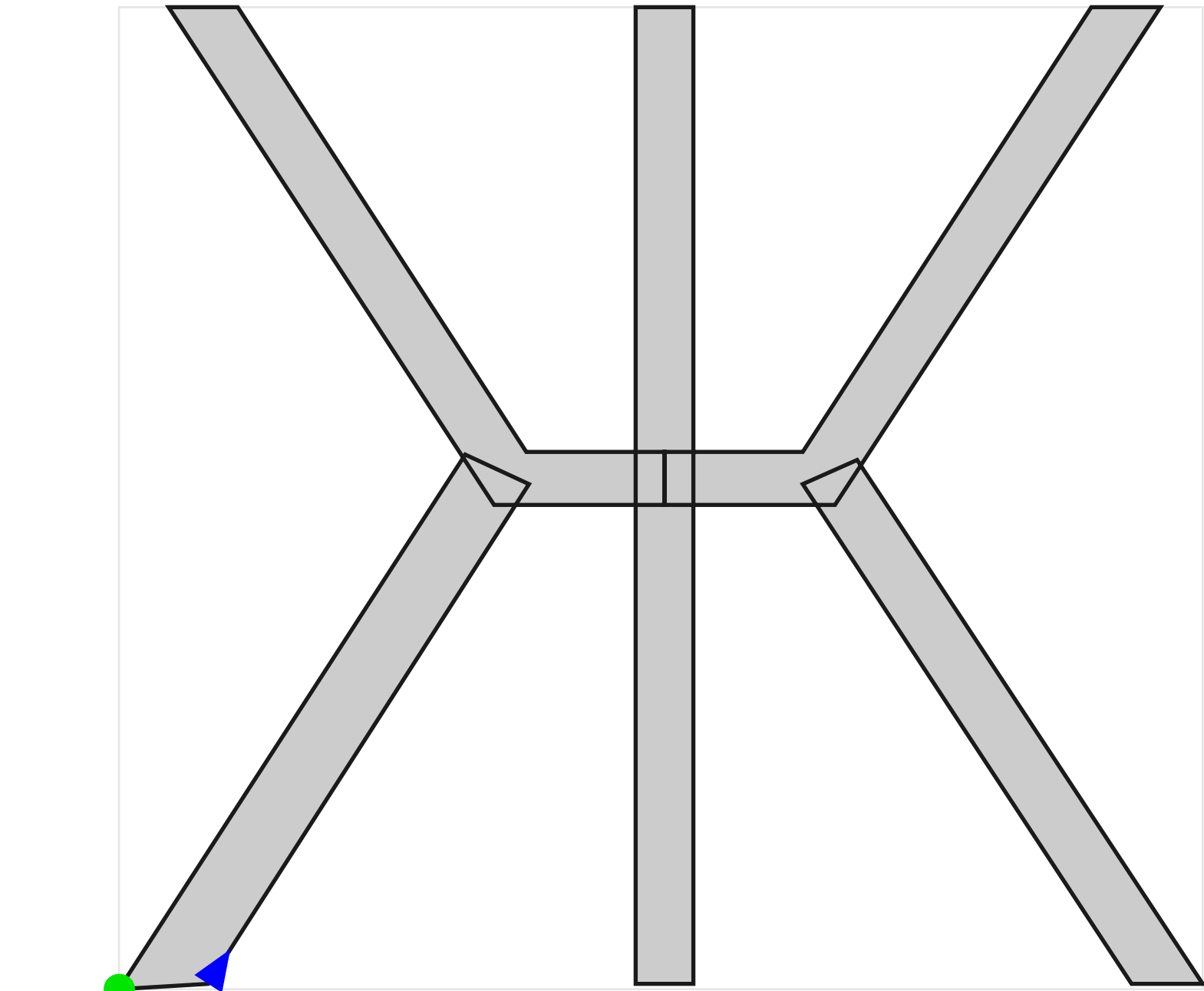


wrong\_start\_point

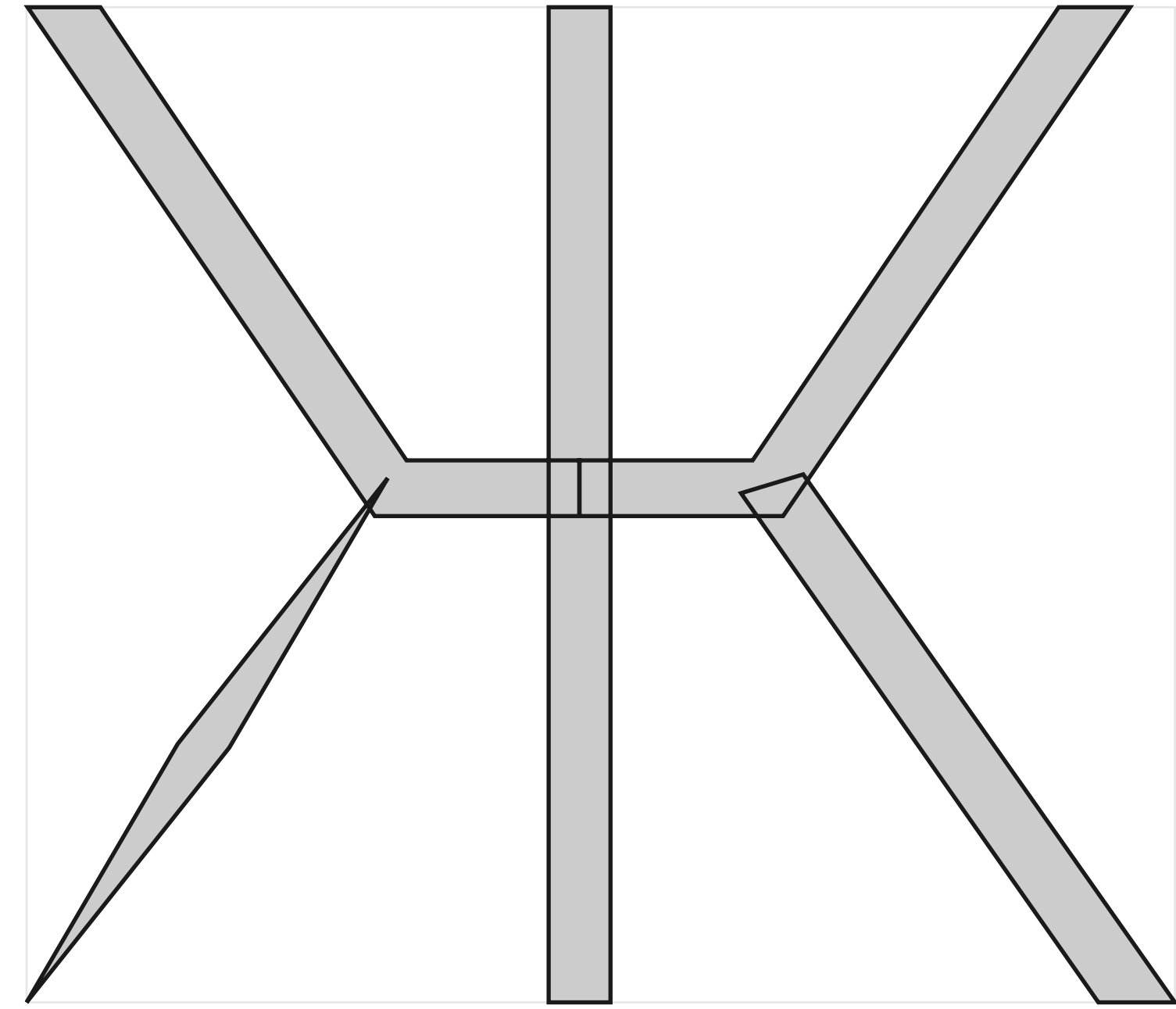
'GRAD=-200.0 opsz=8.0 wght=100.0'



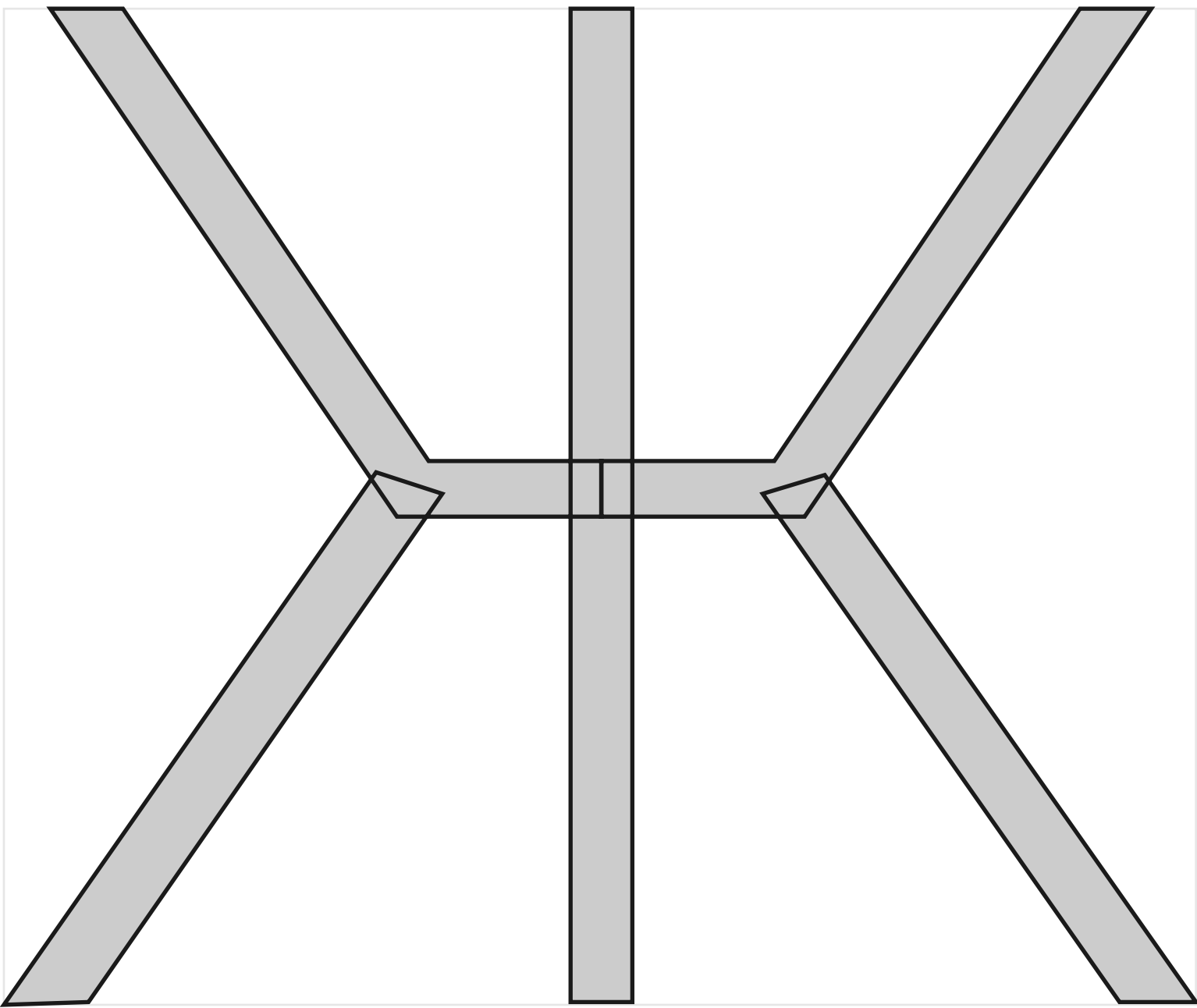
'GRAD=-200.0 opsz=8.0 width=25.0 wght=100.0'



midway interpolation

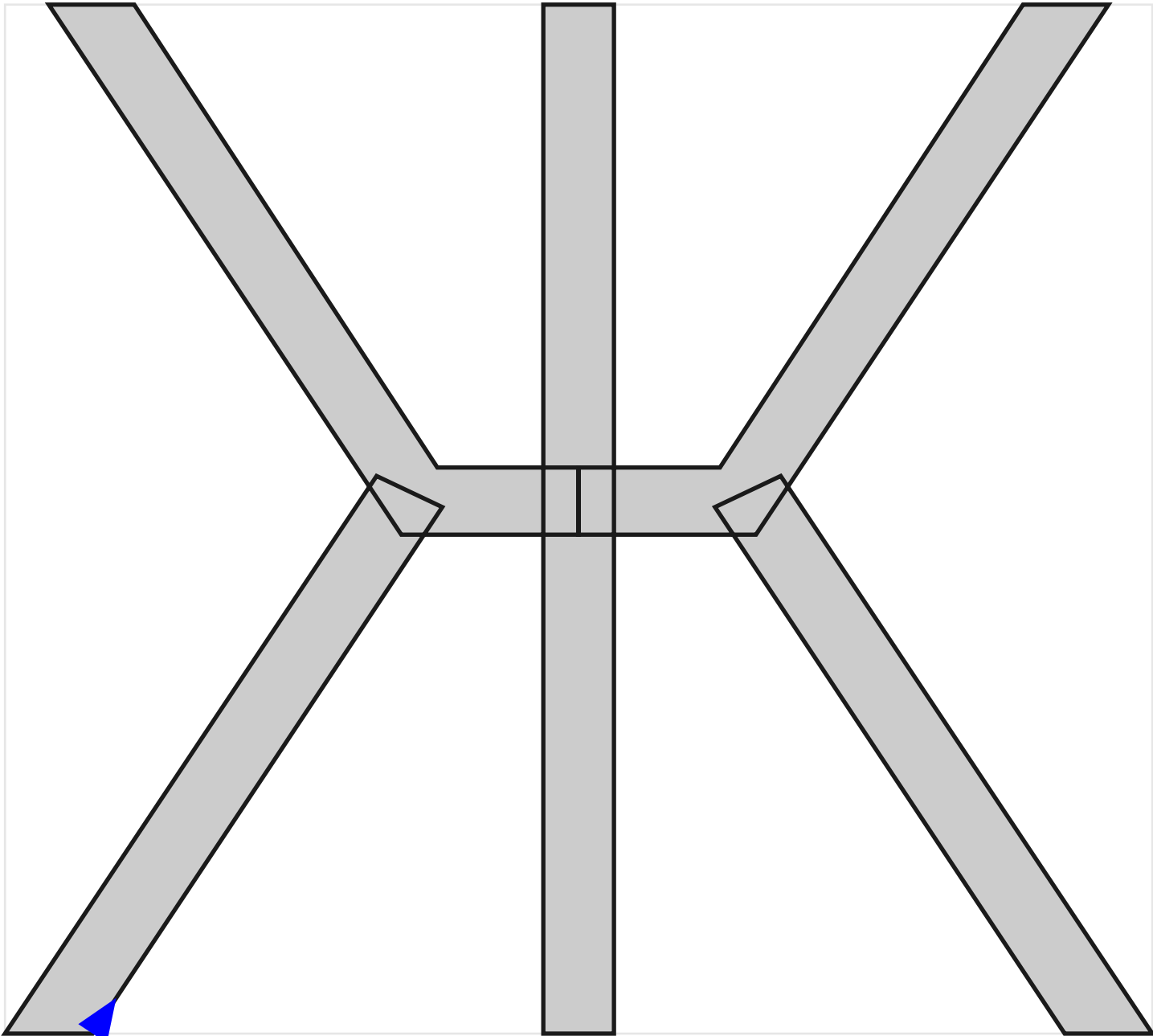


proposed fix

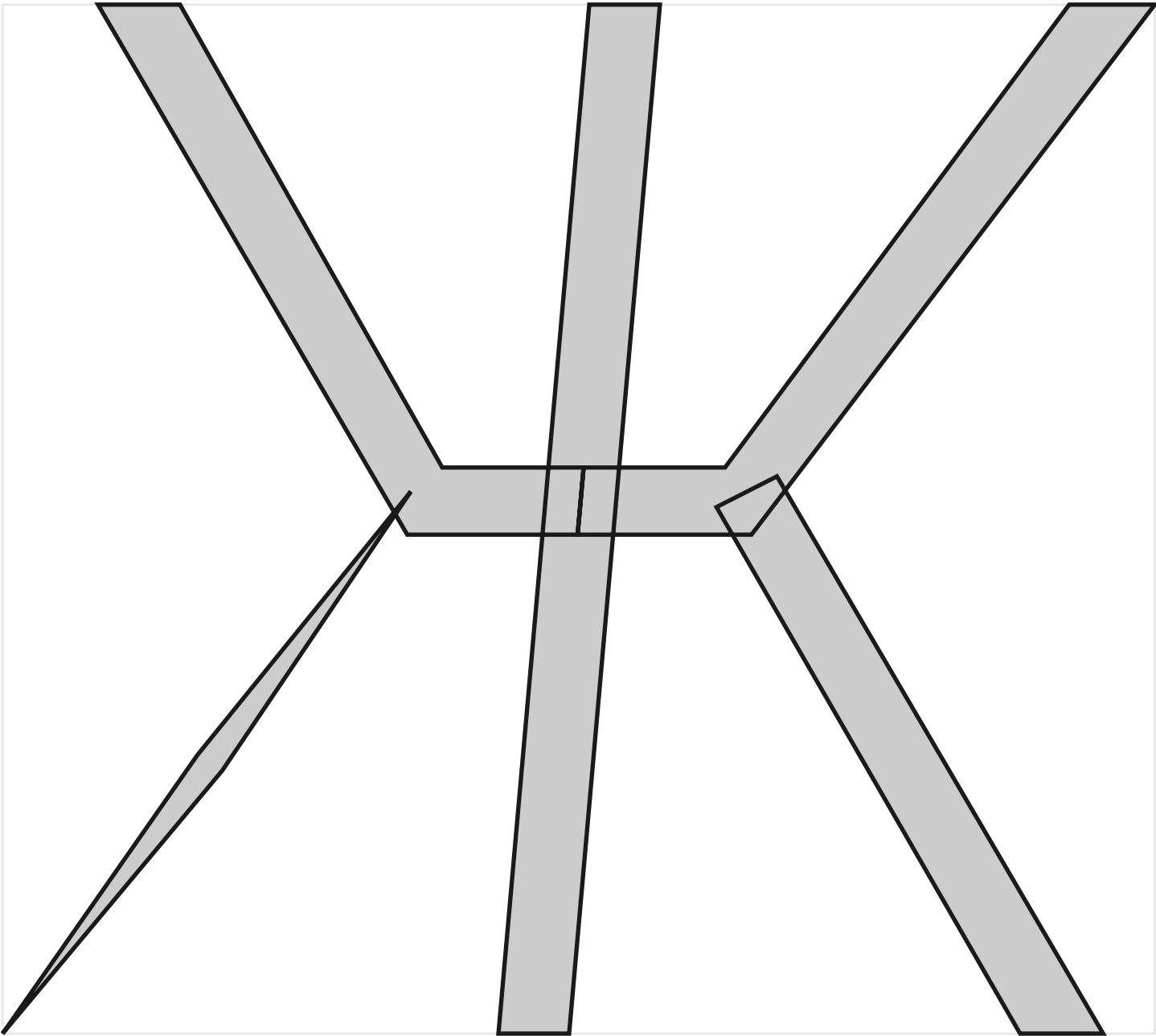


wrong\_start\_point

'opsz=8.0 width=25.0 wght=100.0'

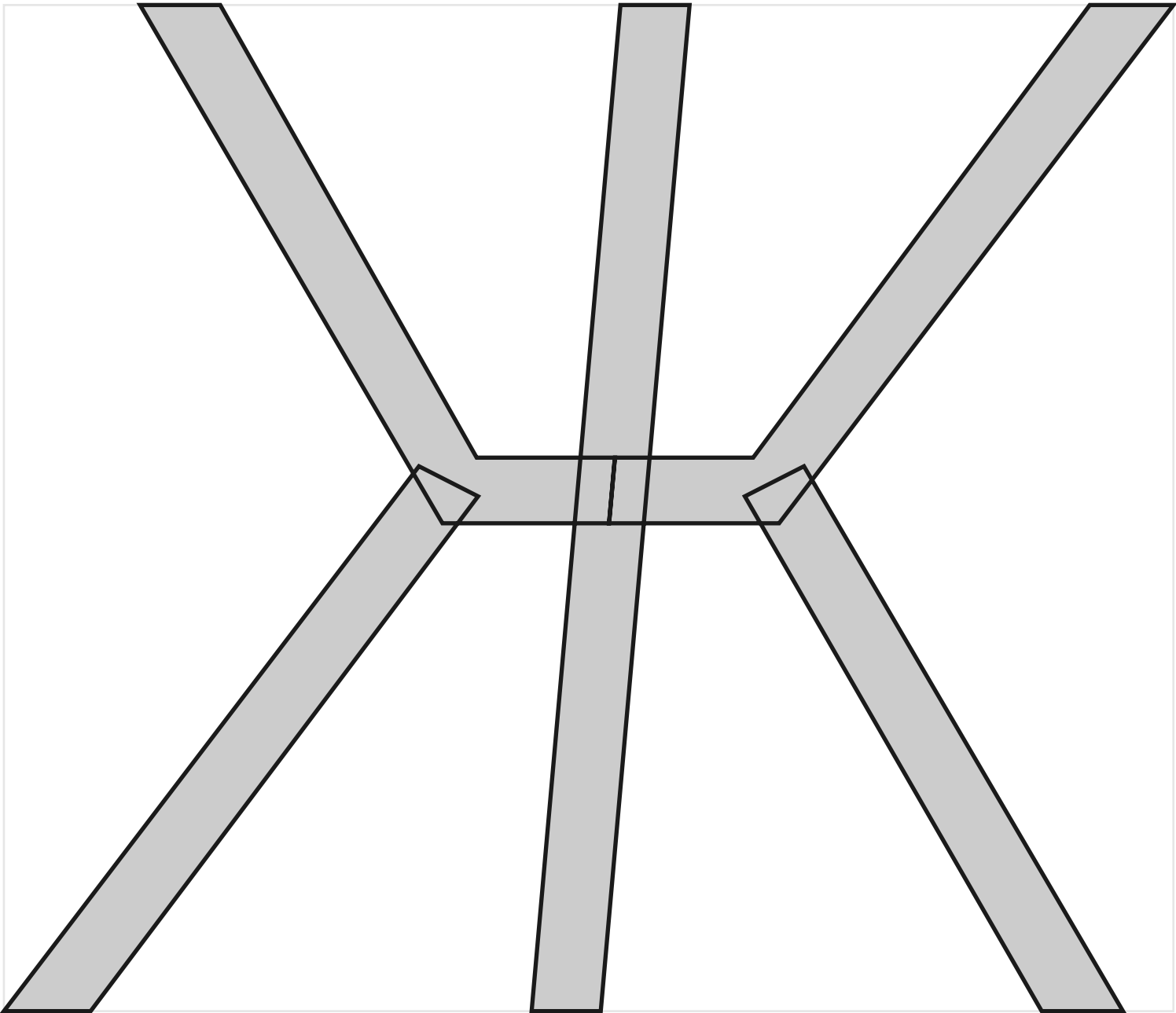
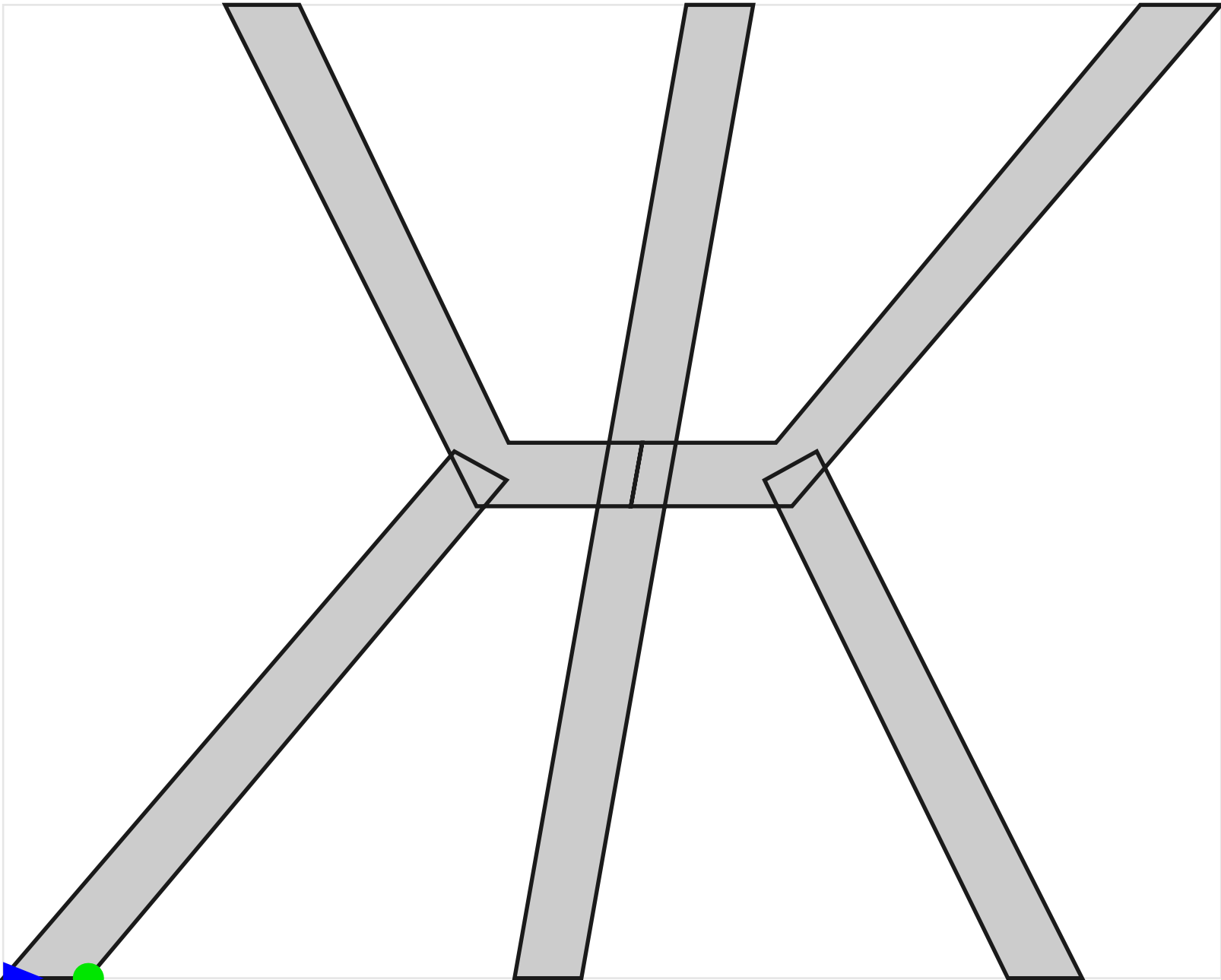


midway interpolation



'opsz=8.0 slnt=-10.0 width=25.0 wght=100.0'

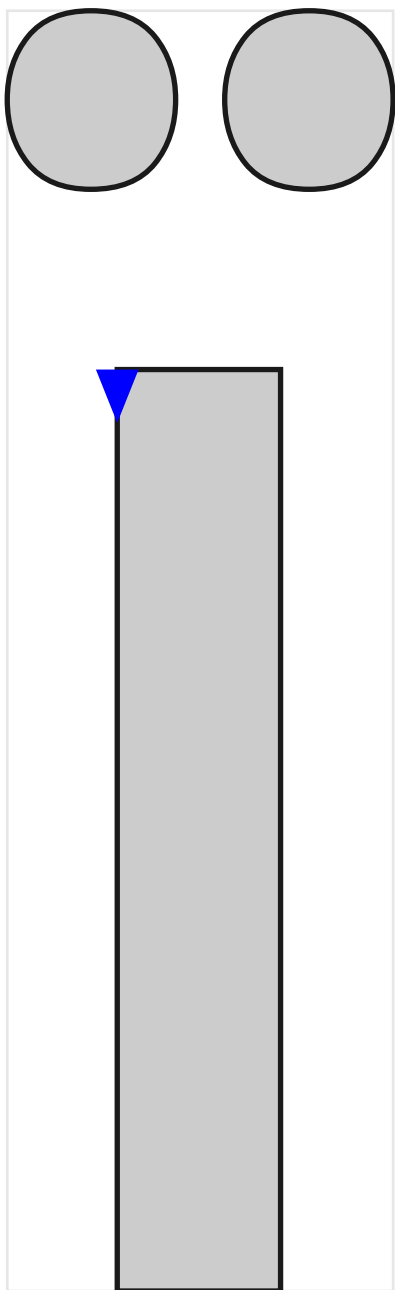
proposed fix



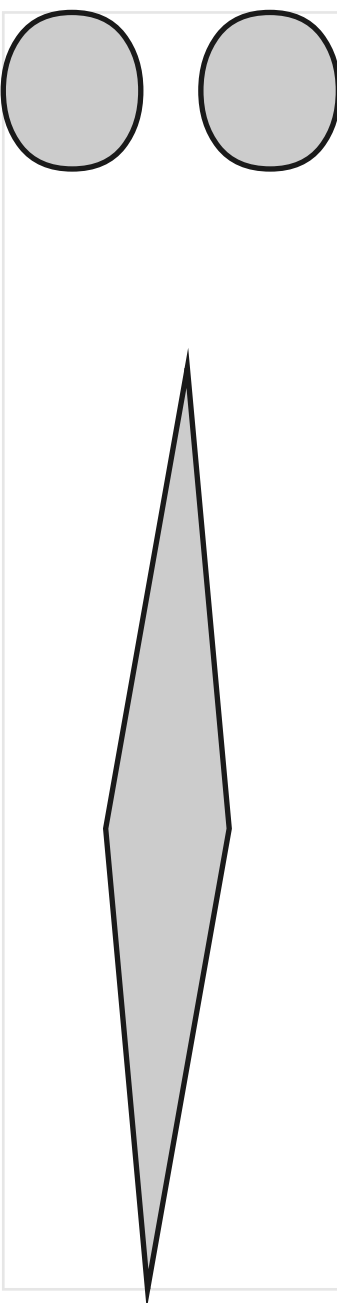


wrong\_start\_point

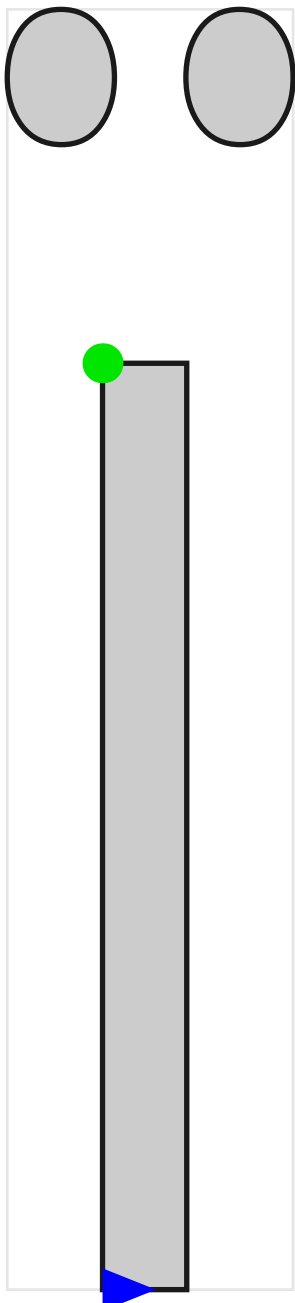
'opsz=8.0 width=25.0'



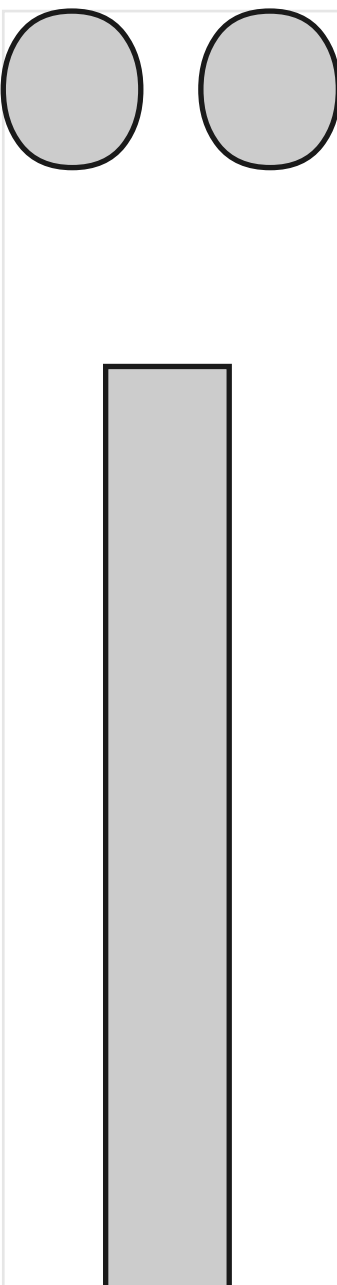
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

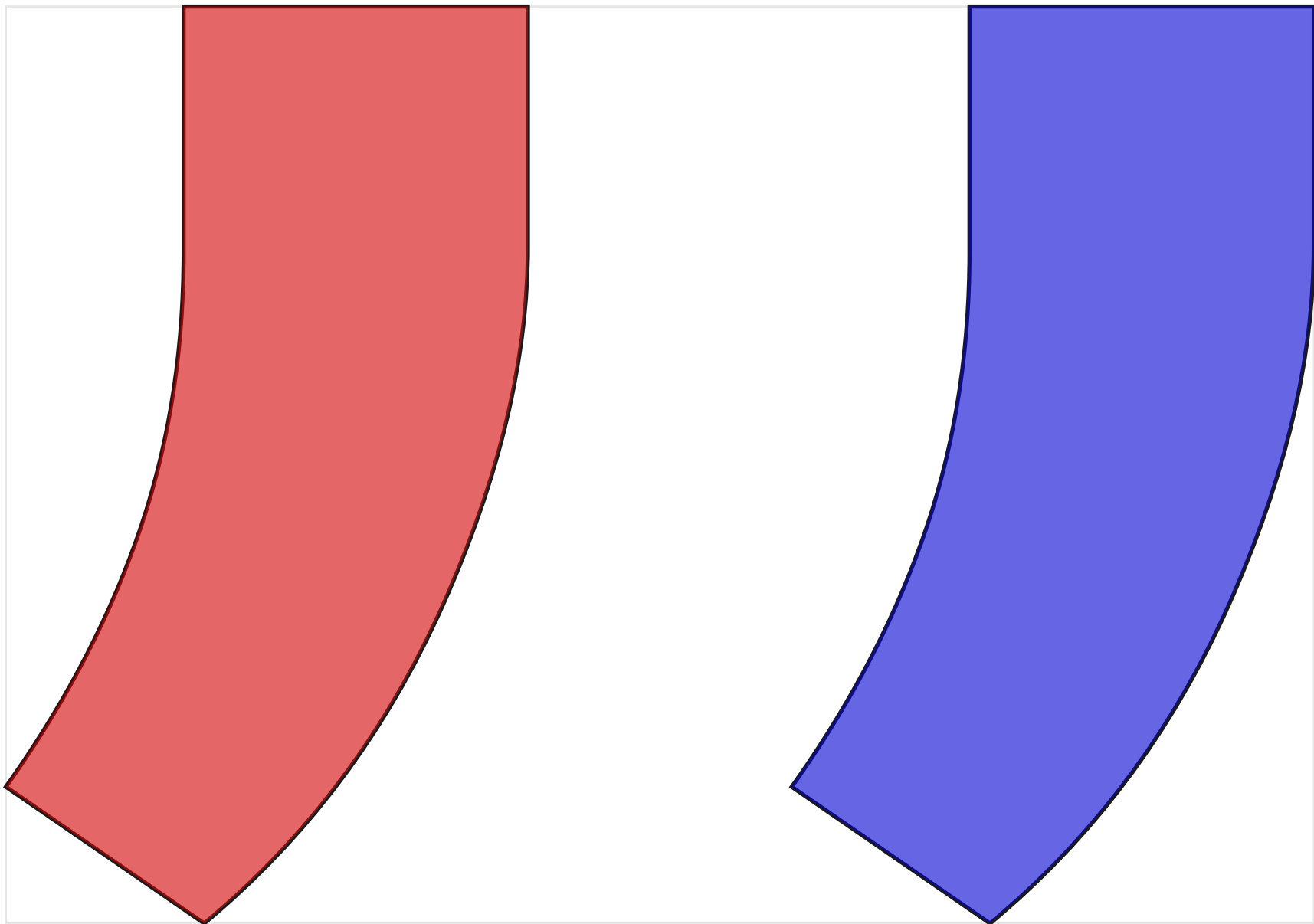


proposed fix

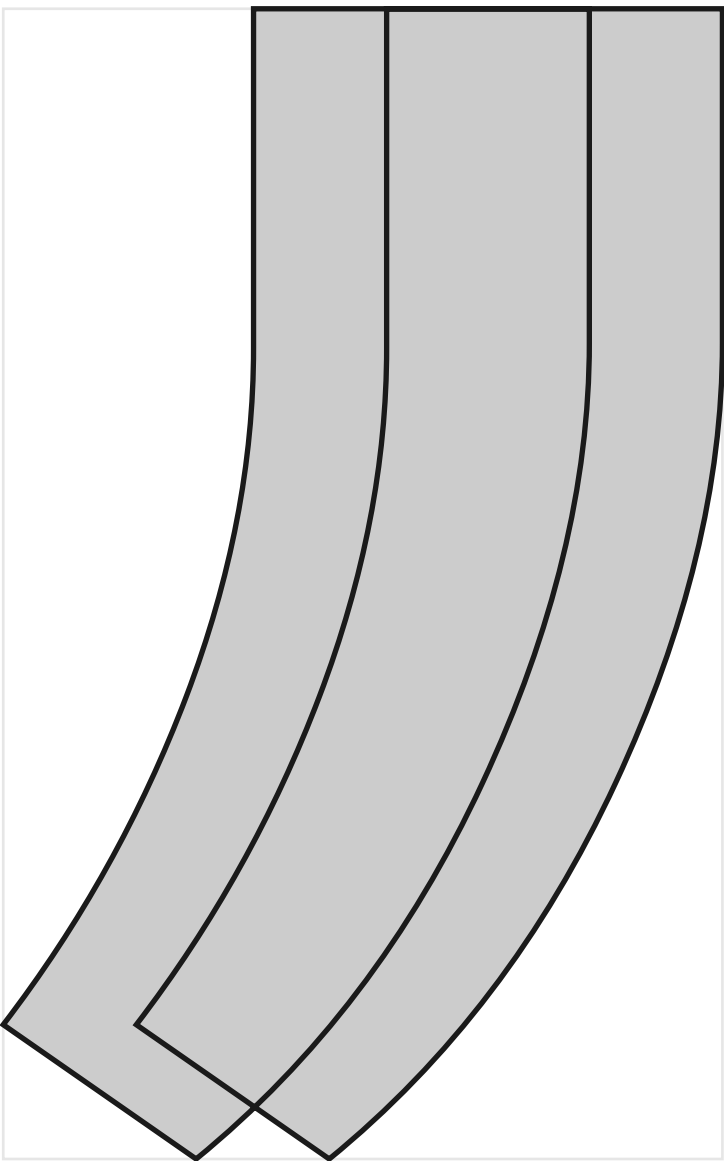


contour\_order

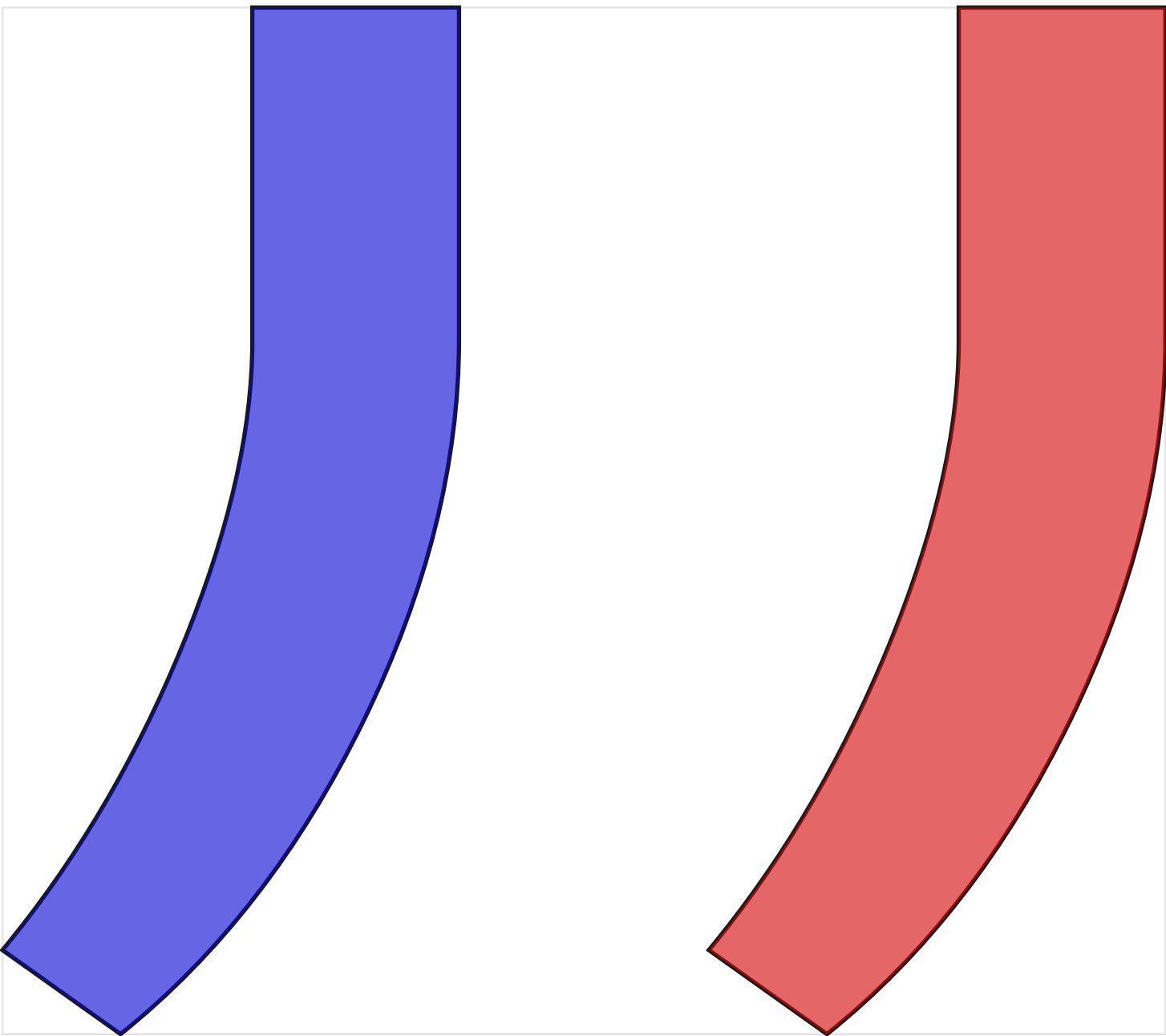
'opsz=8.0 width=25.0'



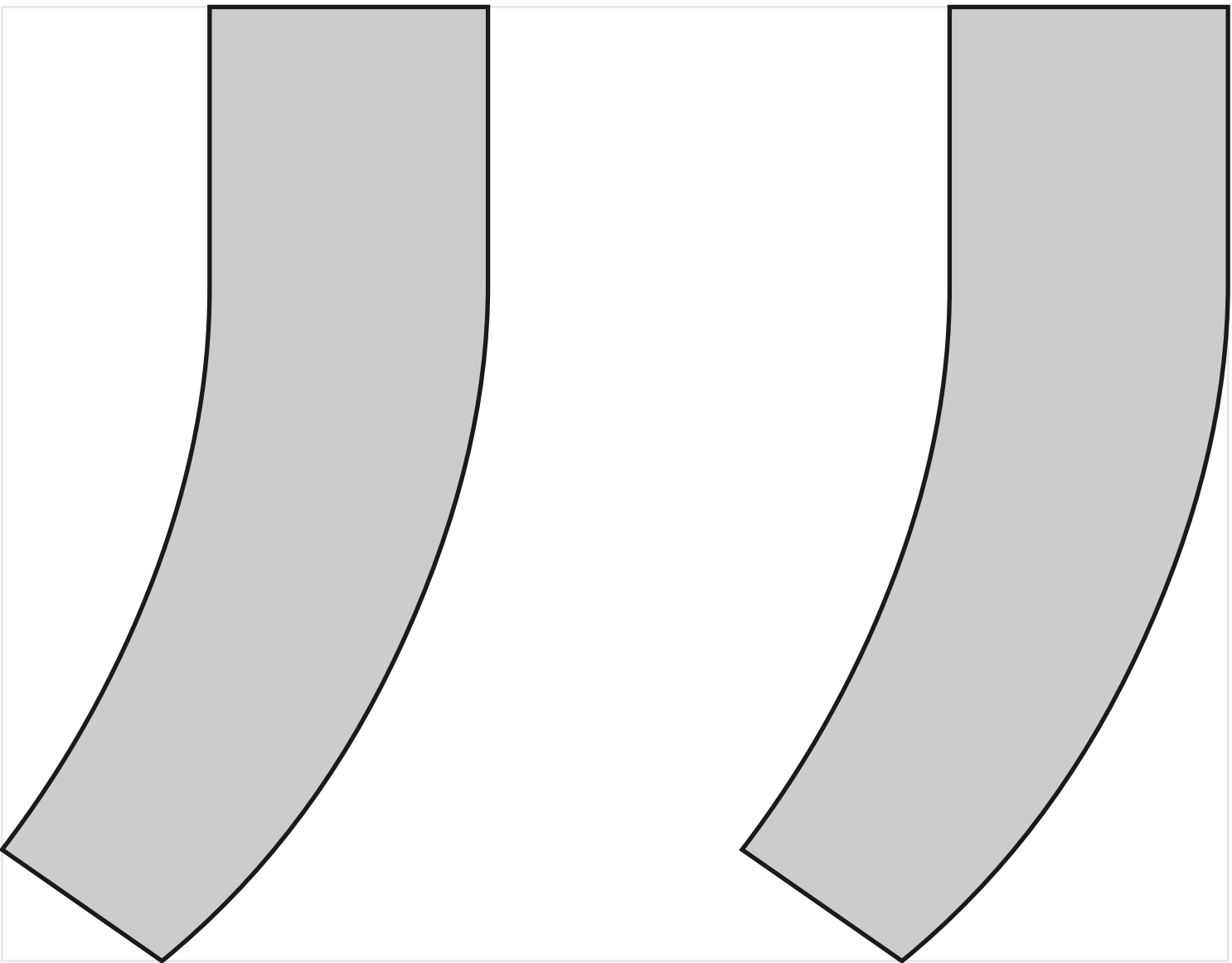
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

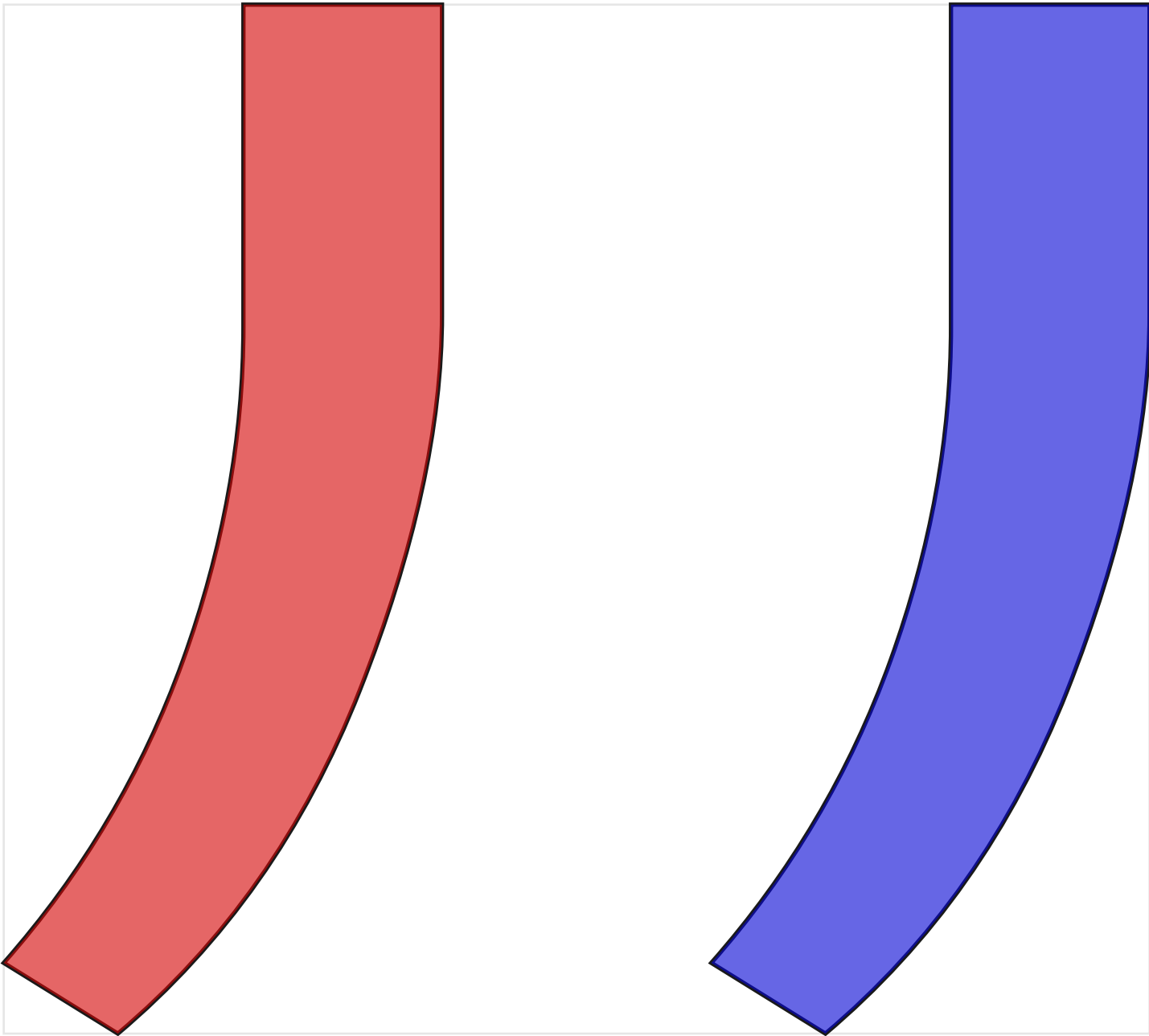


proposed fix

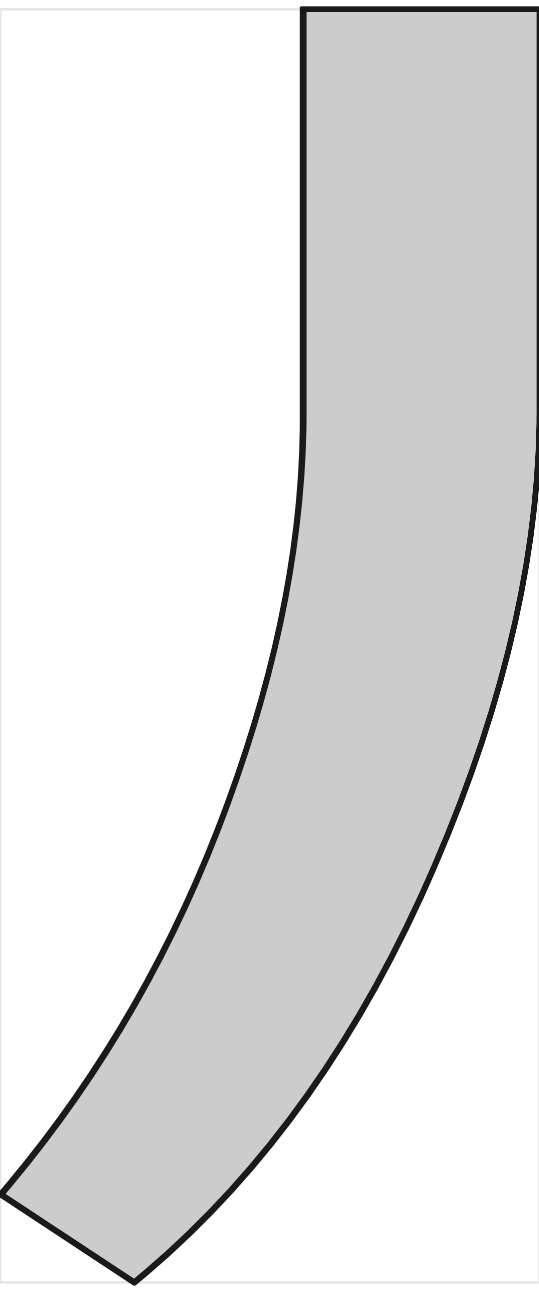


contour\_order

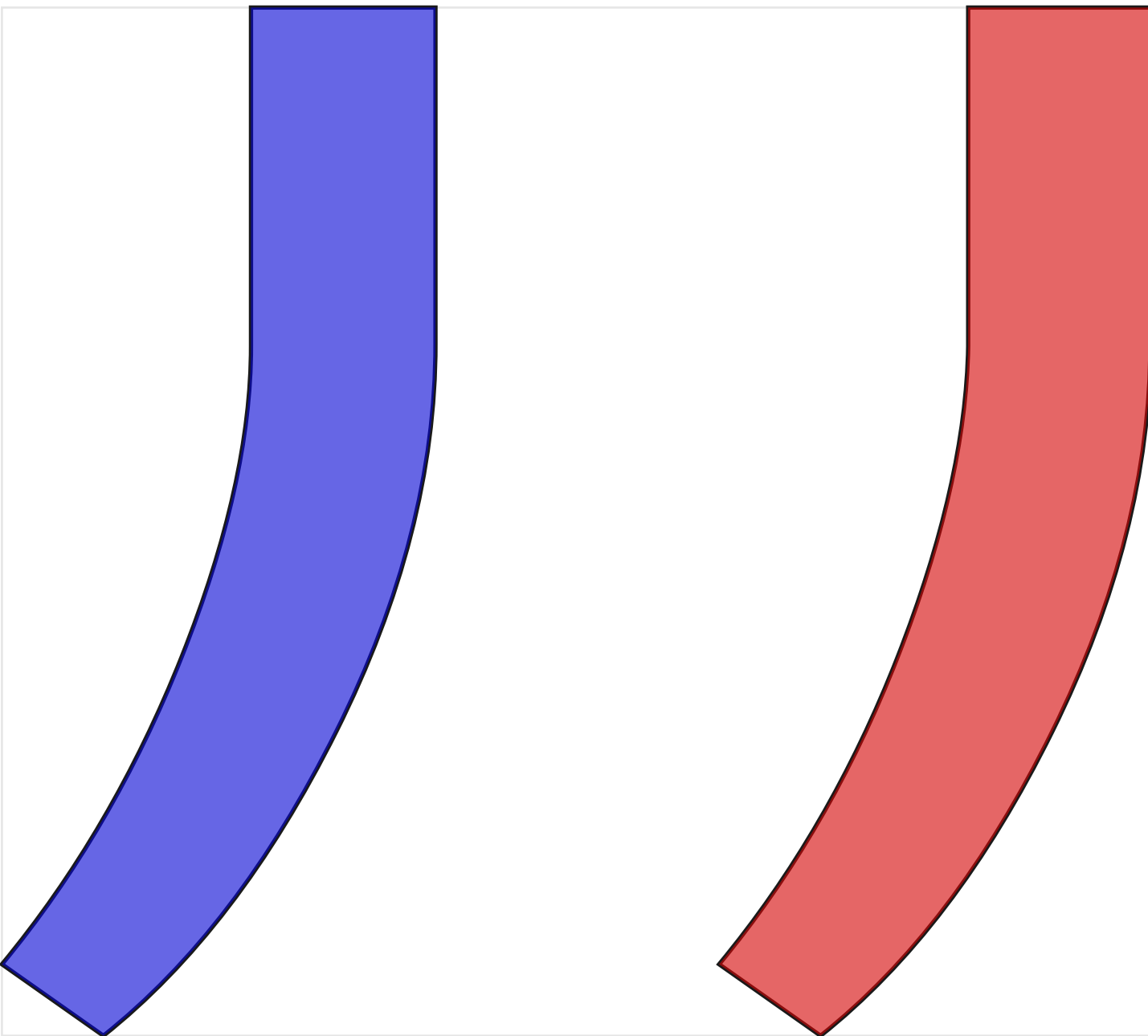
'GRAD=-200.0 opsz=8.0 wght=100.0'



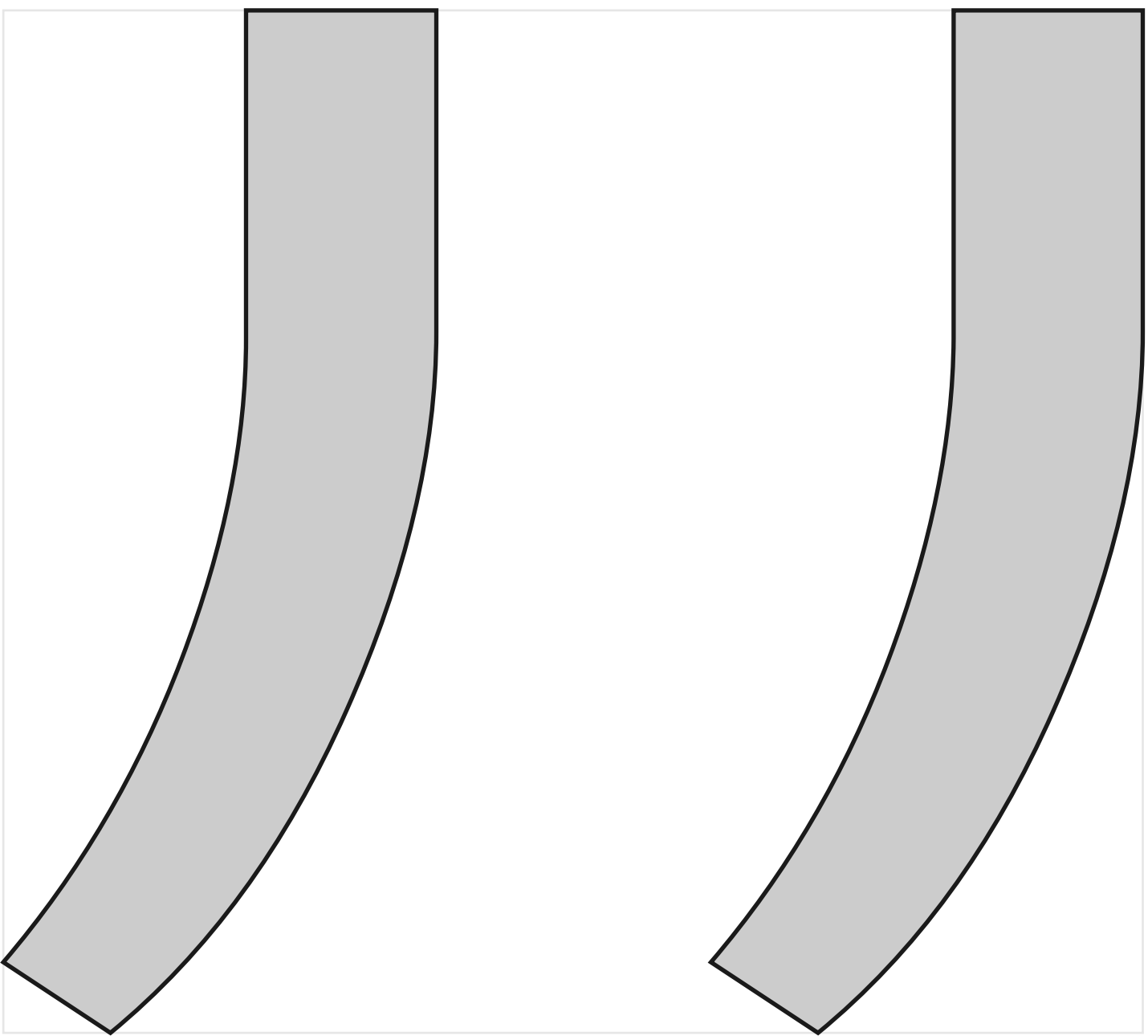
midway interpolation



'GRAD=-200.0 opsz=8.0 width=25.0 wght=100.0'

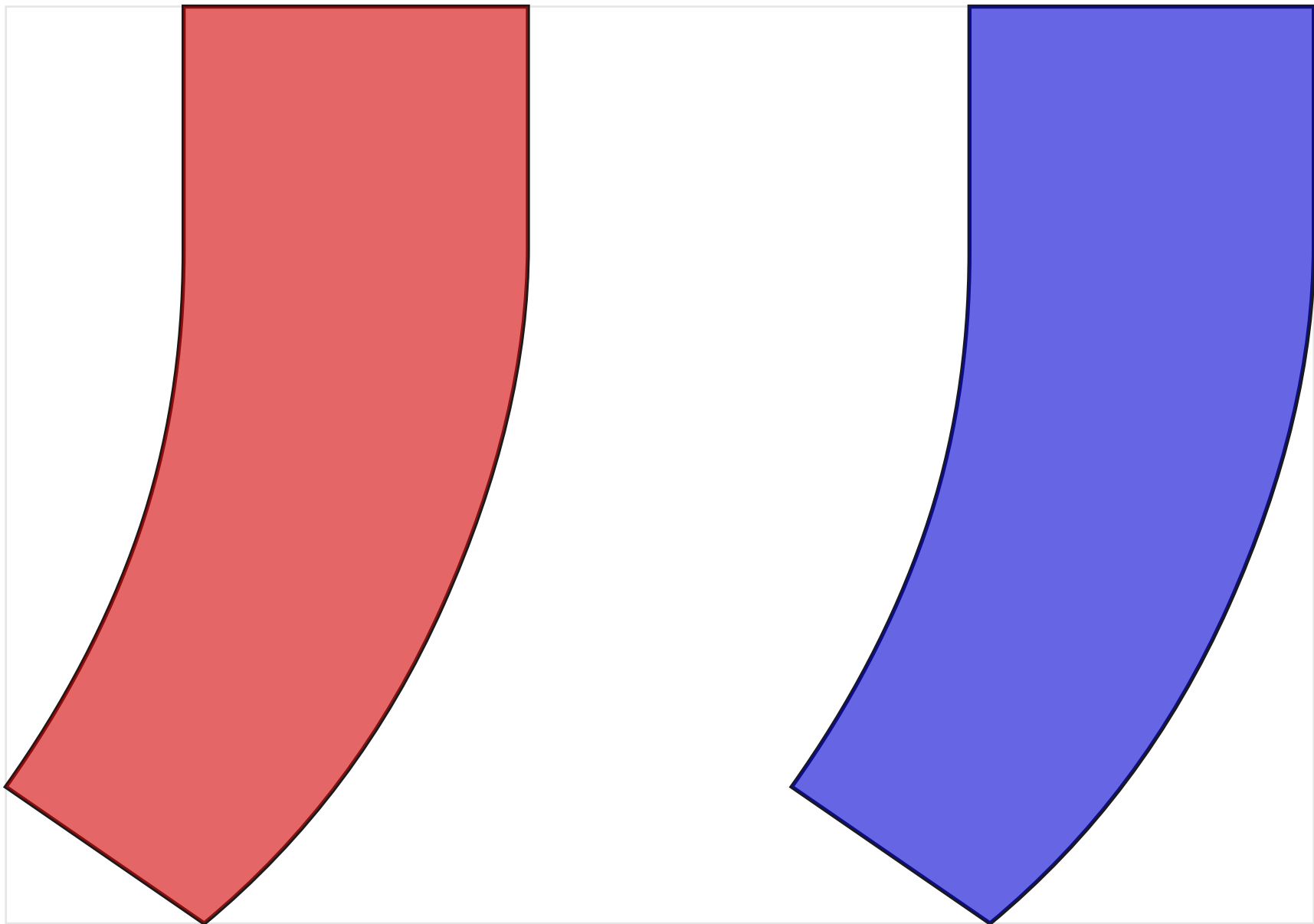


proposed fix

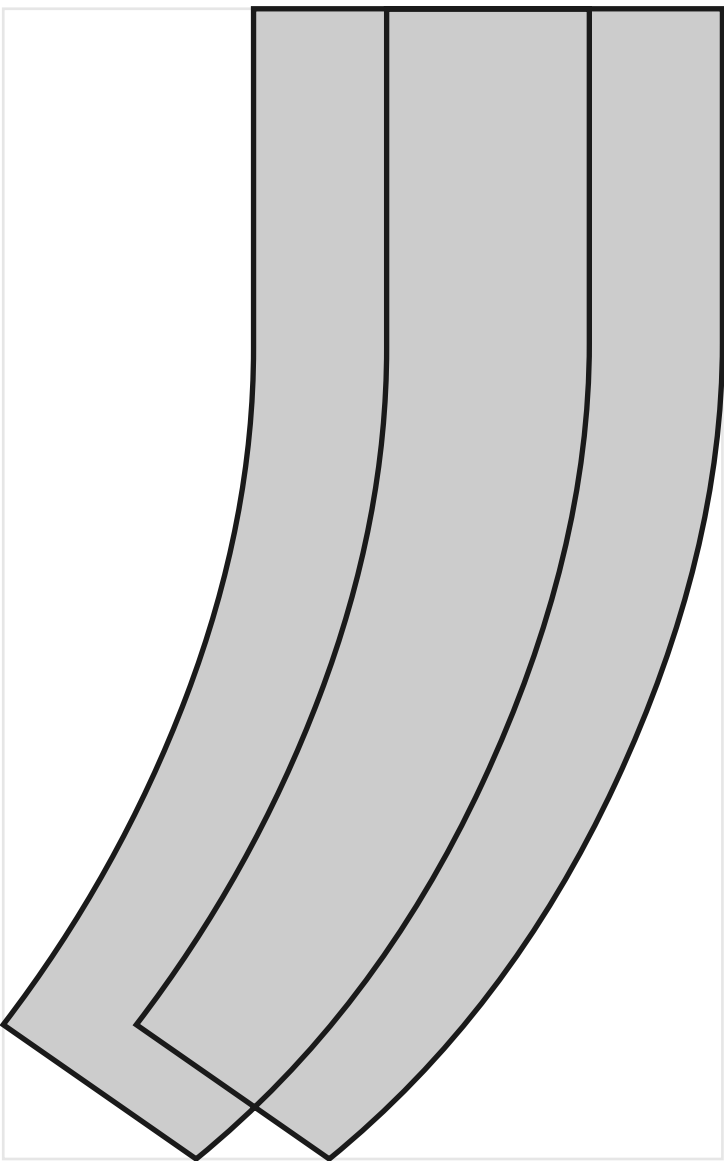


contour\_order

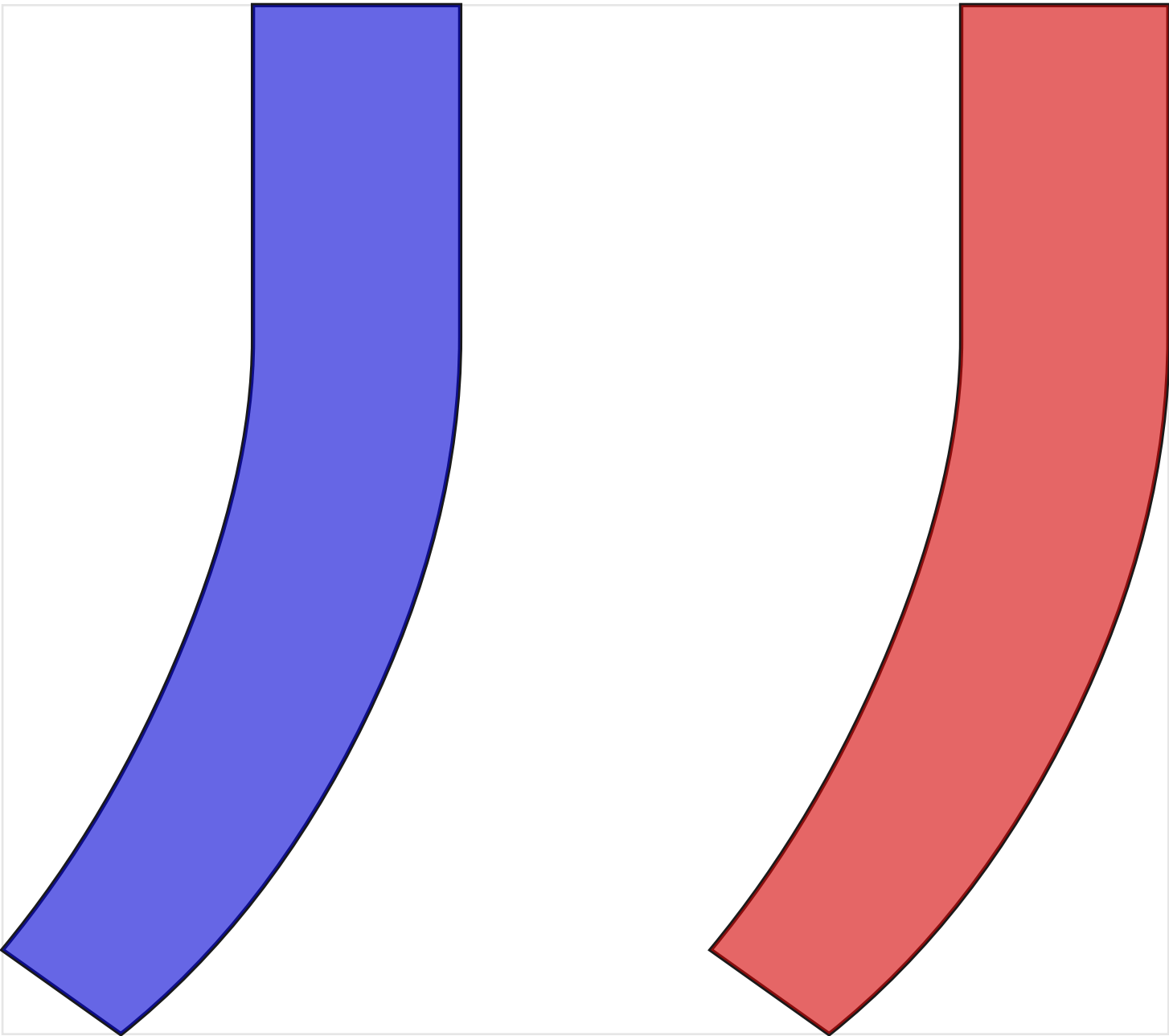
'opsz=8.0 width=25.0'



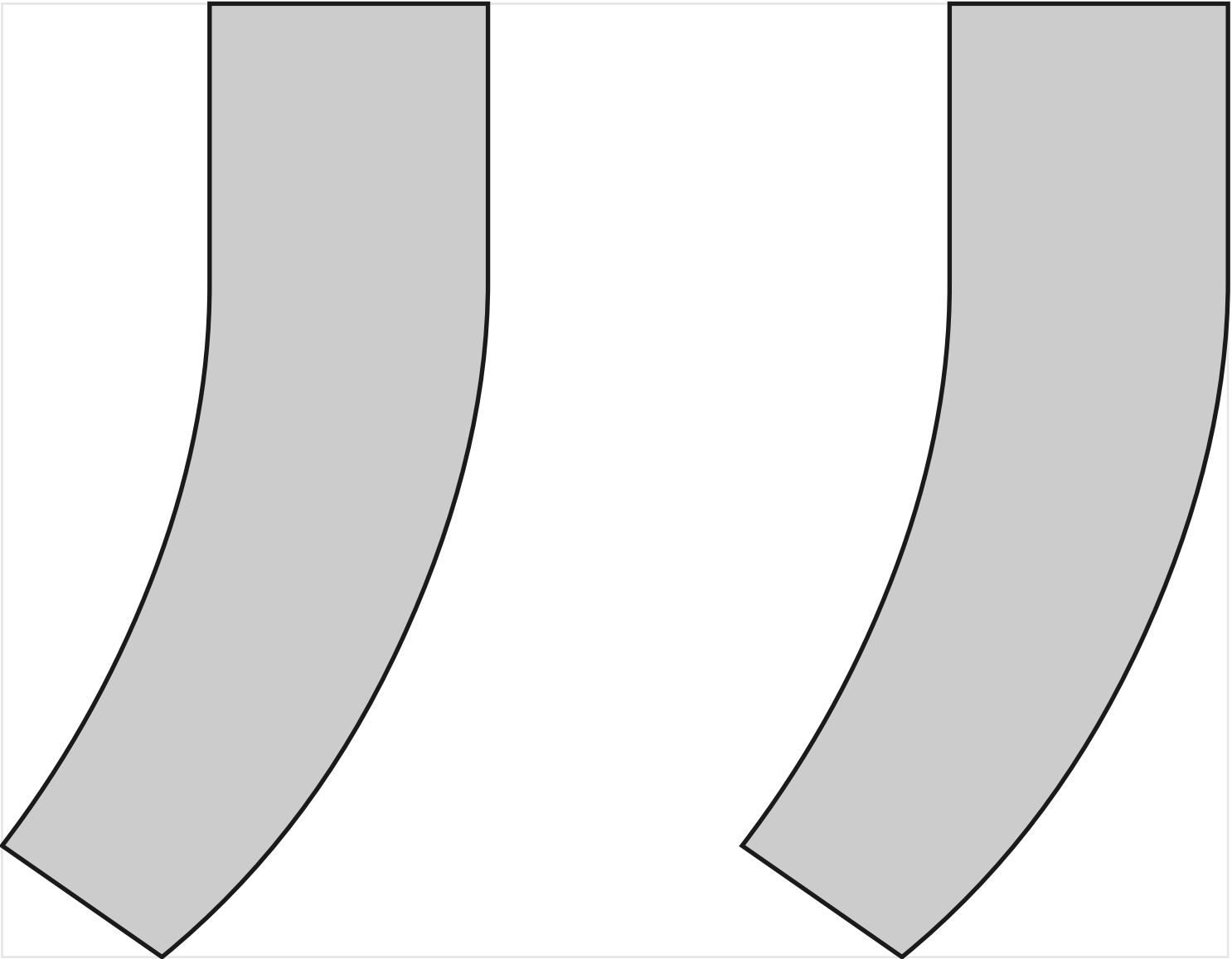
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

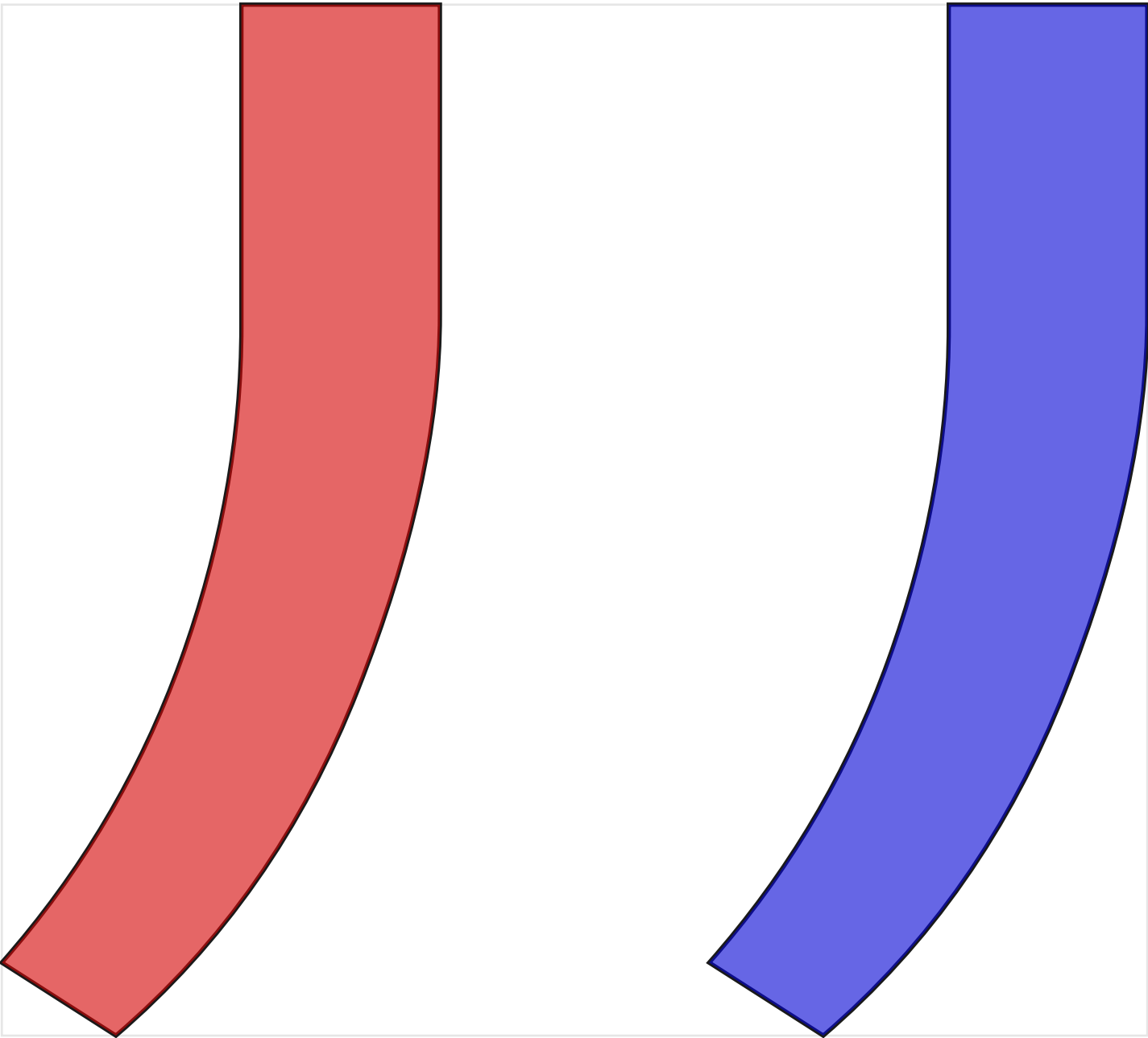


proposed fix

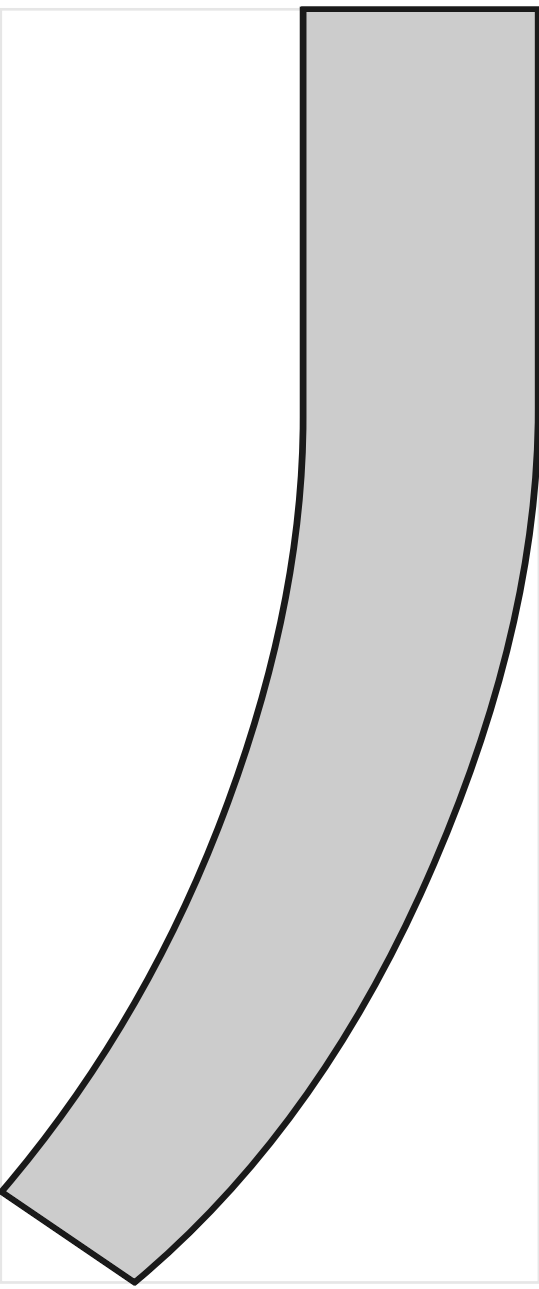


contour\_order

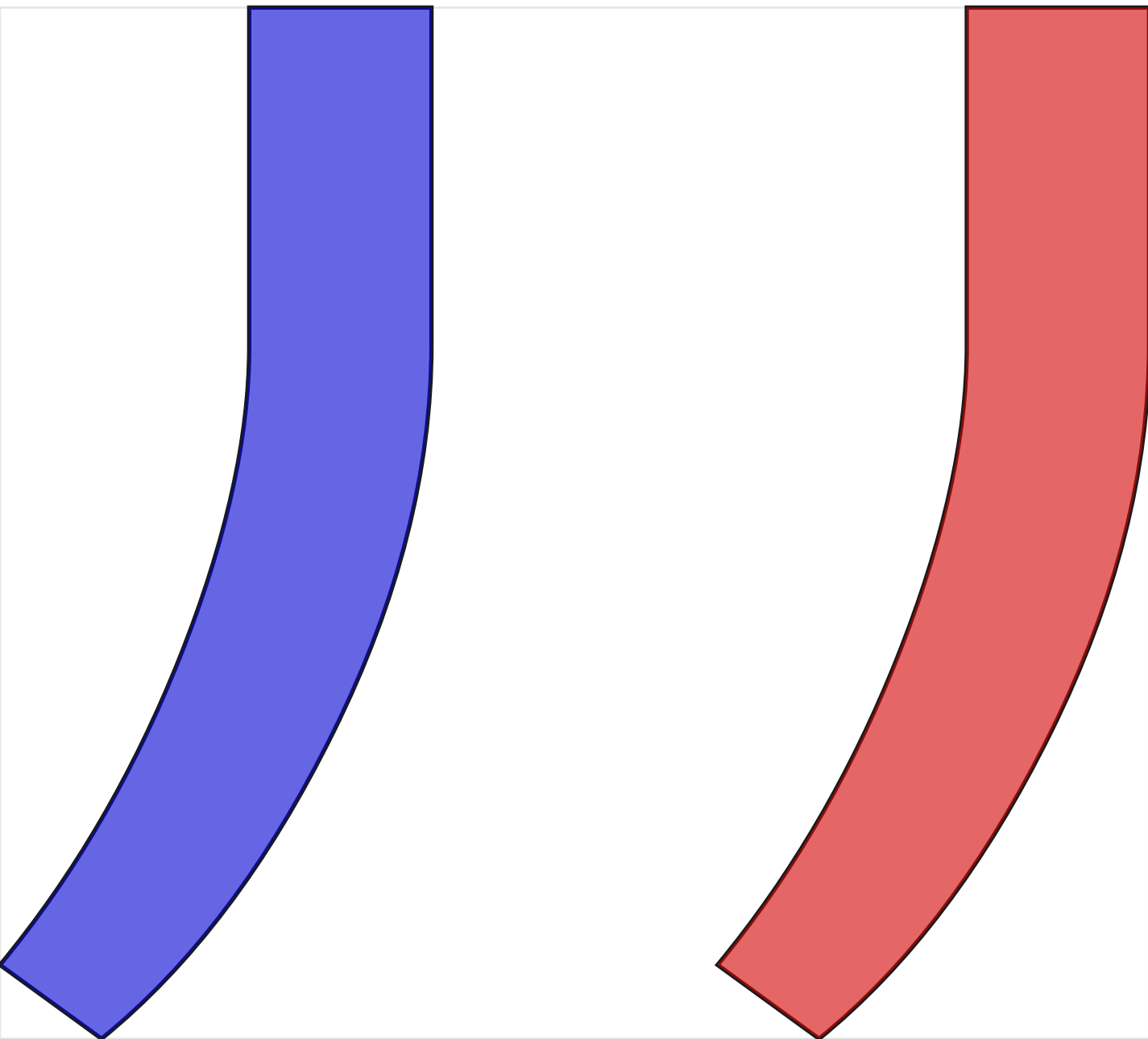
'GRAD=-200.0 opsz=8.0 wght=100.0'



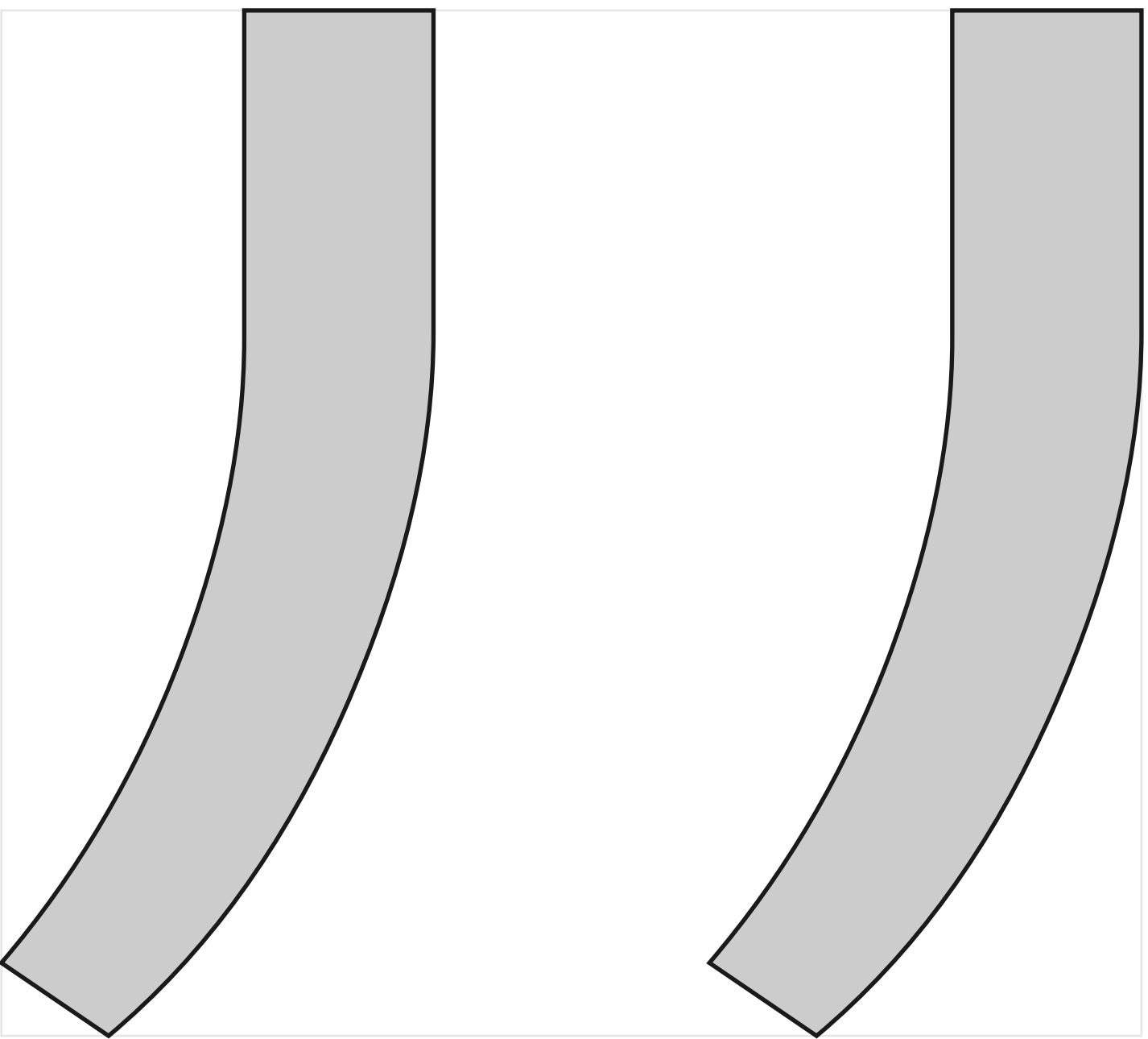
midway interpolation



'GRAD=-200.0 opsz=8.0 width=25.0 wght=100.0'

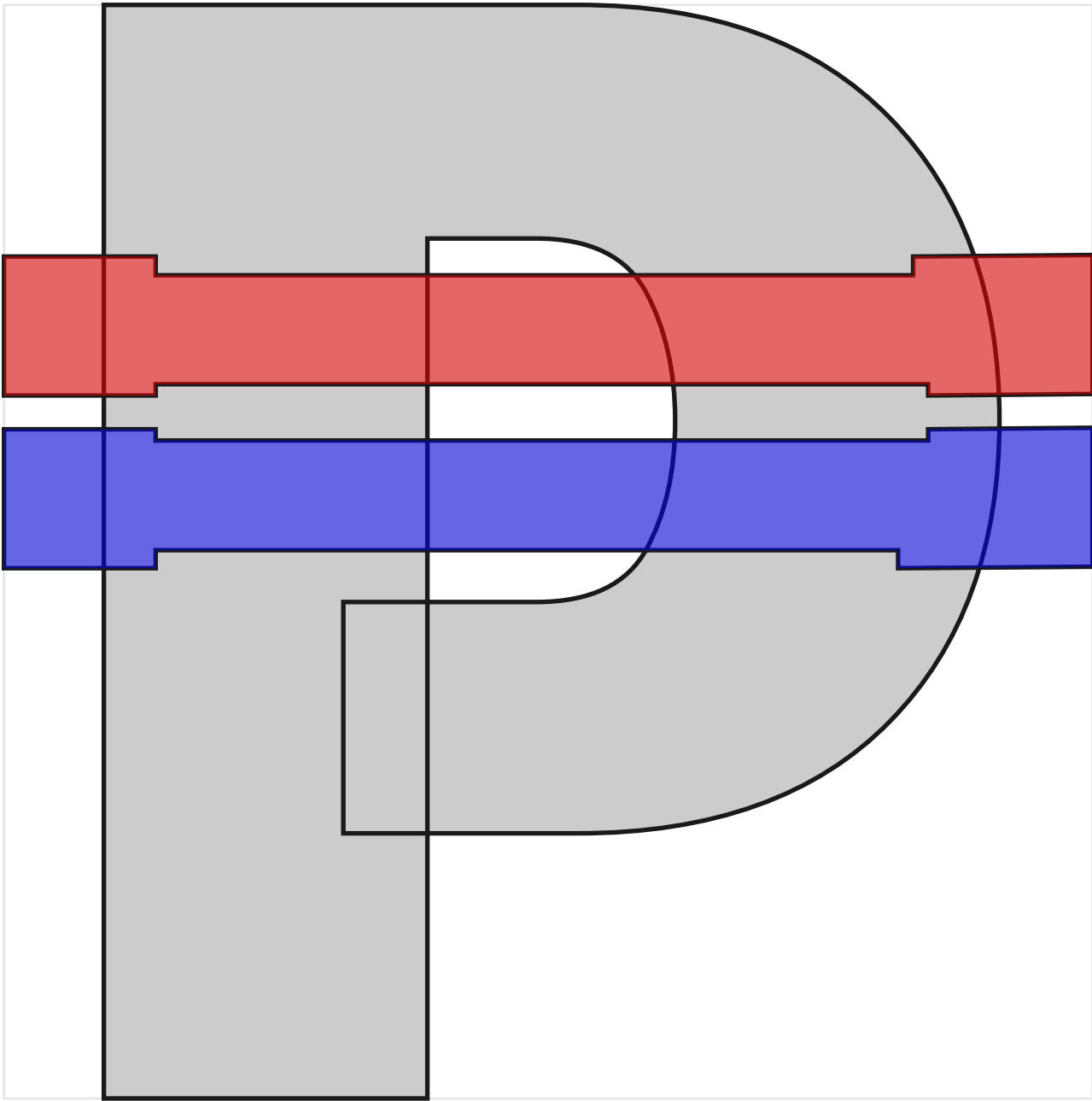


proposed fix

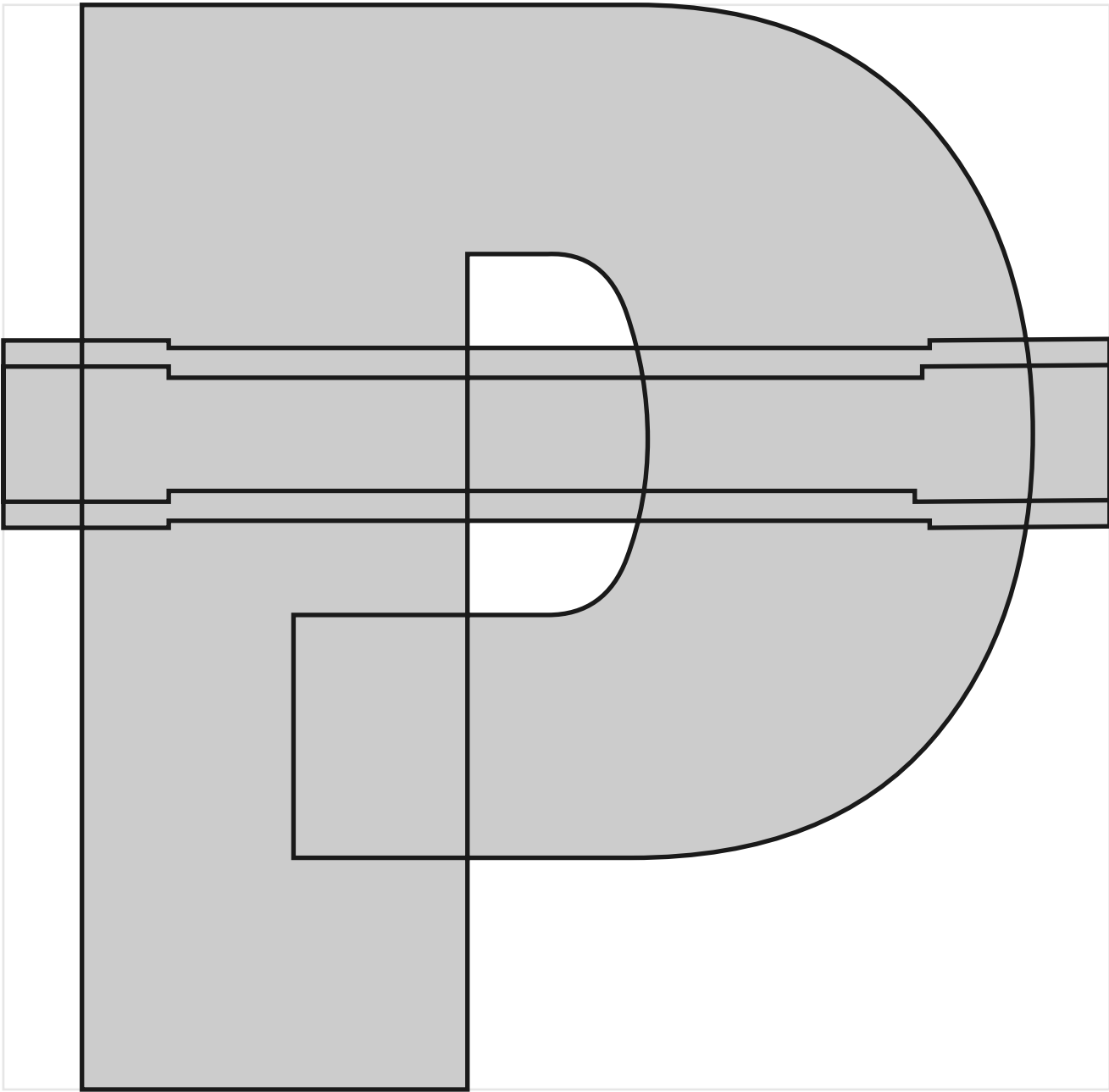


contour\_order

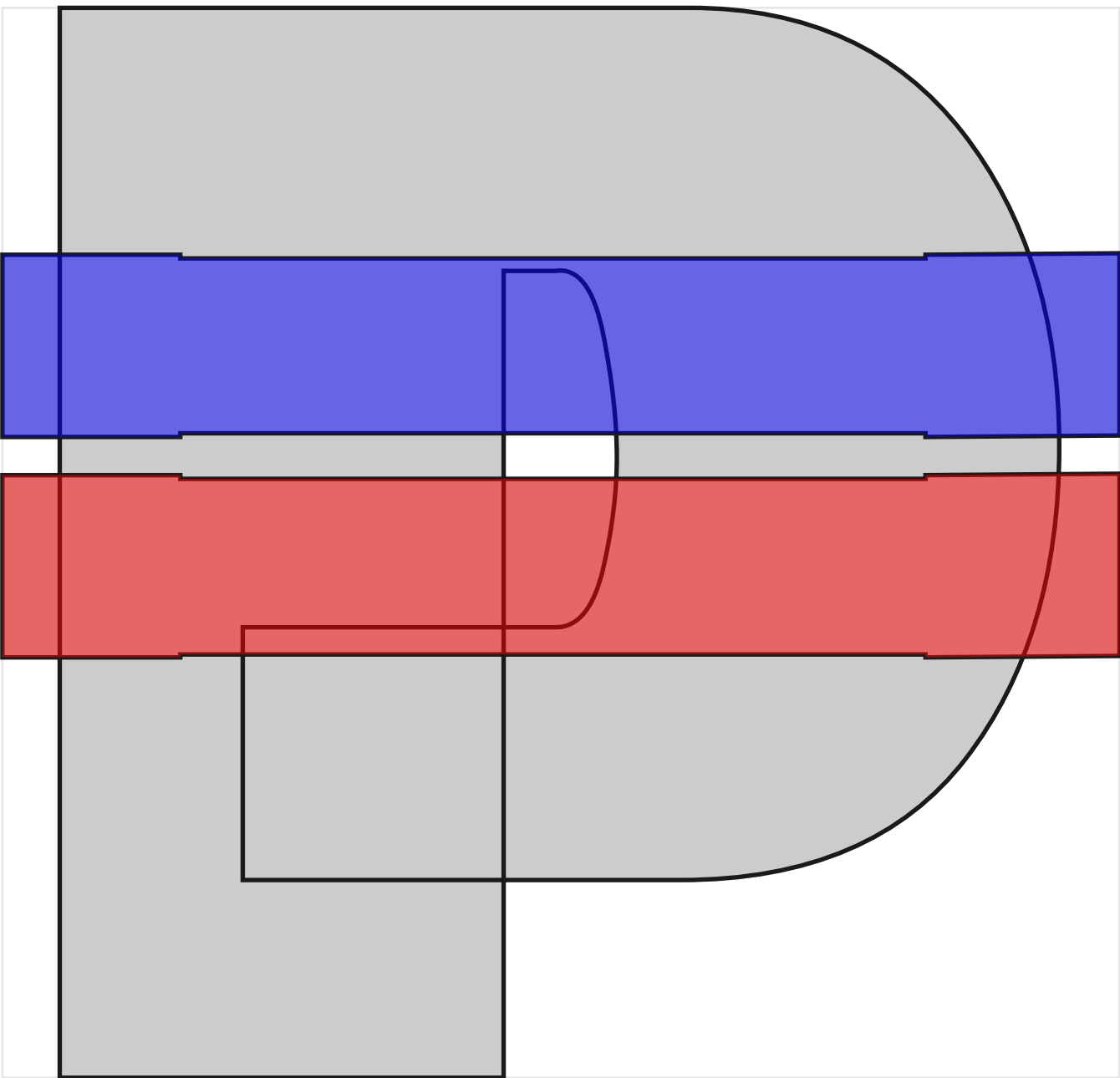
'GRAD=150.0 wght=1000.0'



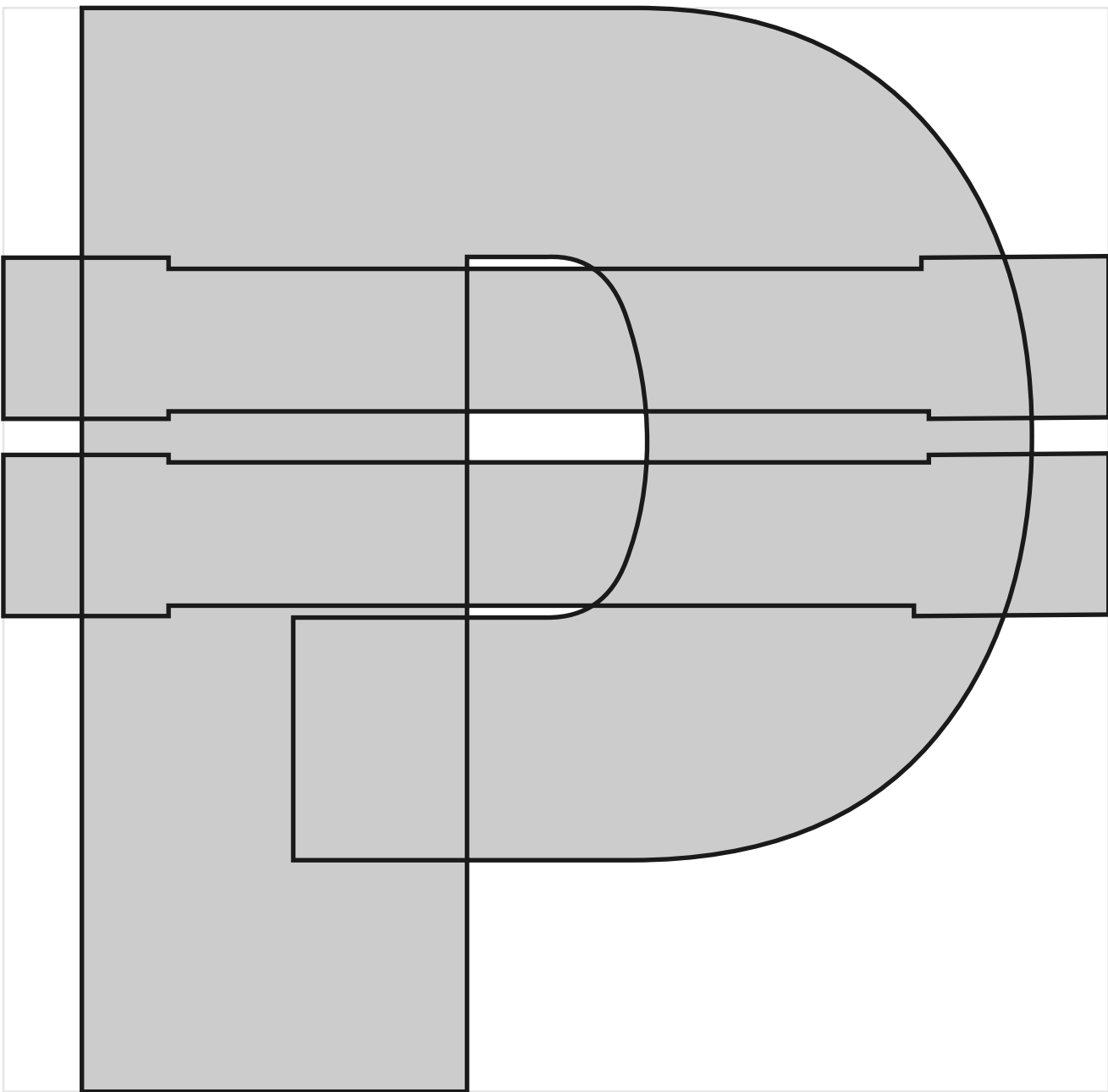
midway interpolation



'GRAD=150.0 opsz=144.0 wght=1000.0'

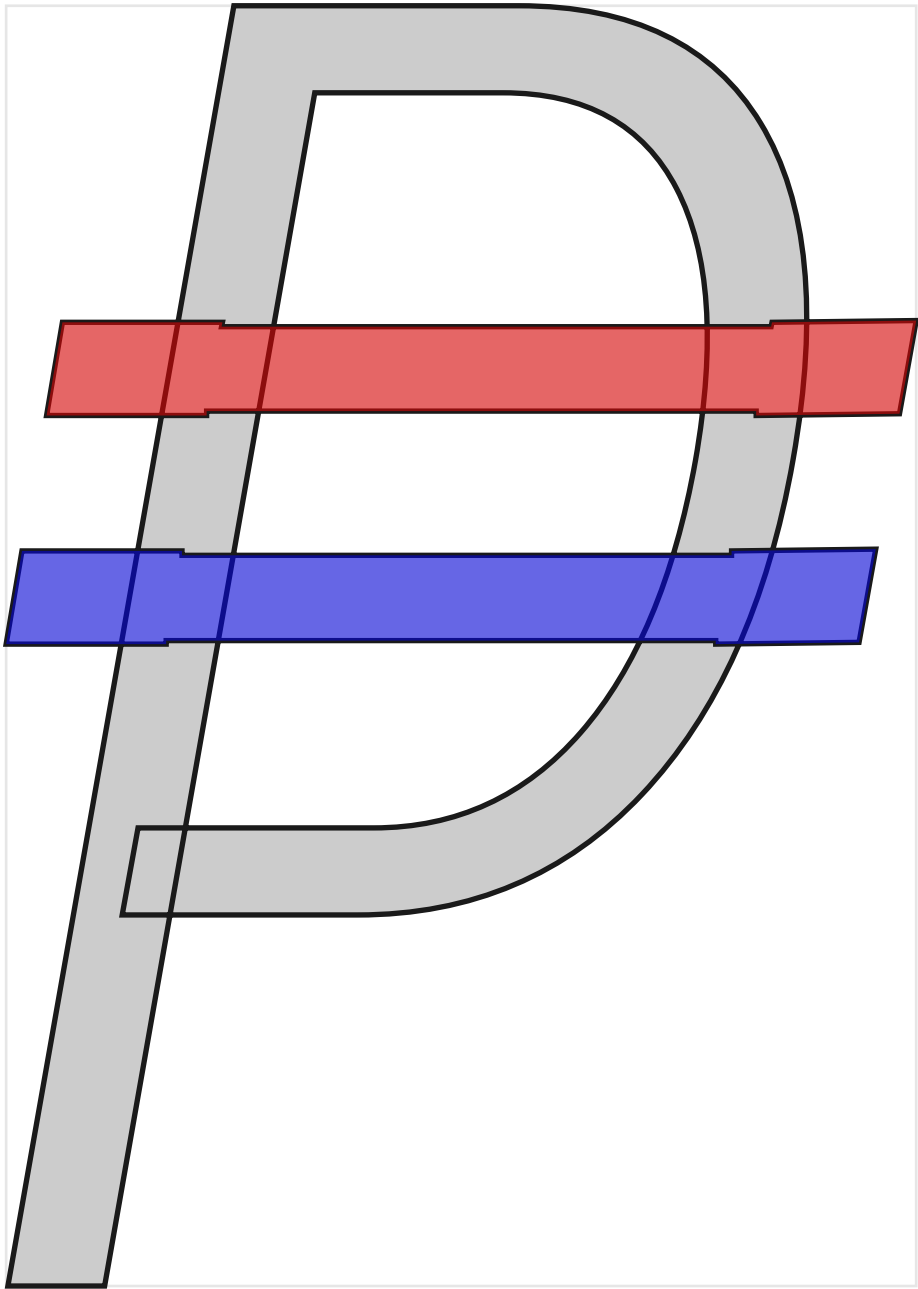


proposed fix

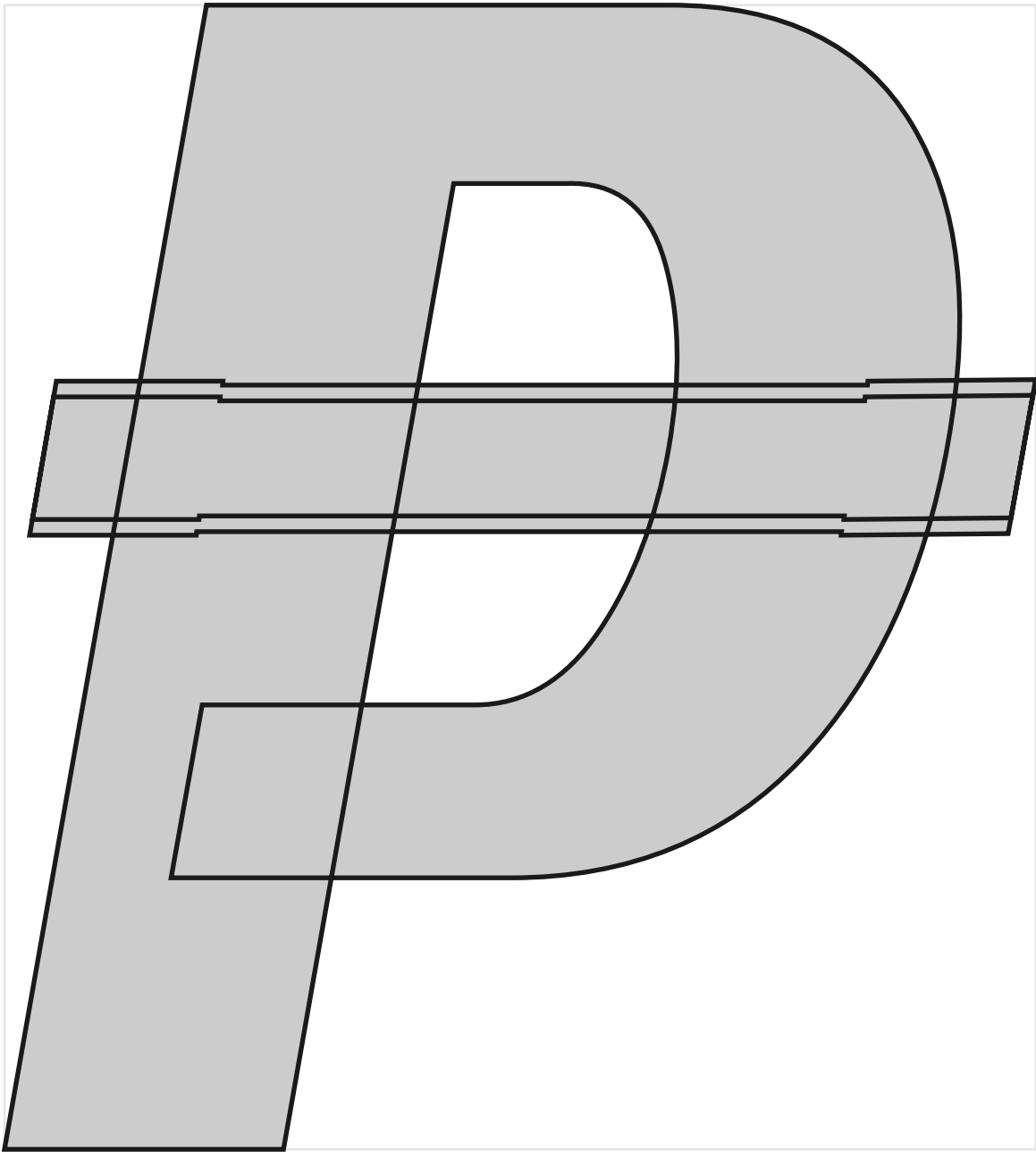


contour\_order

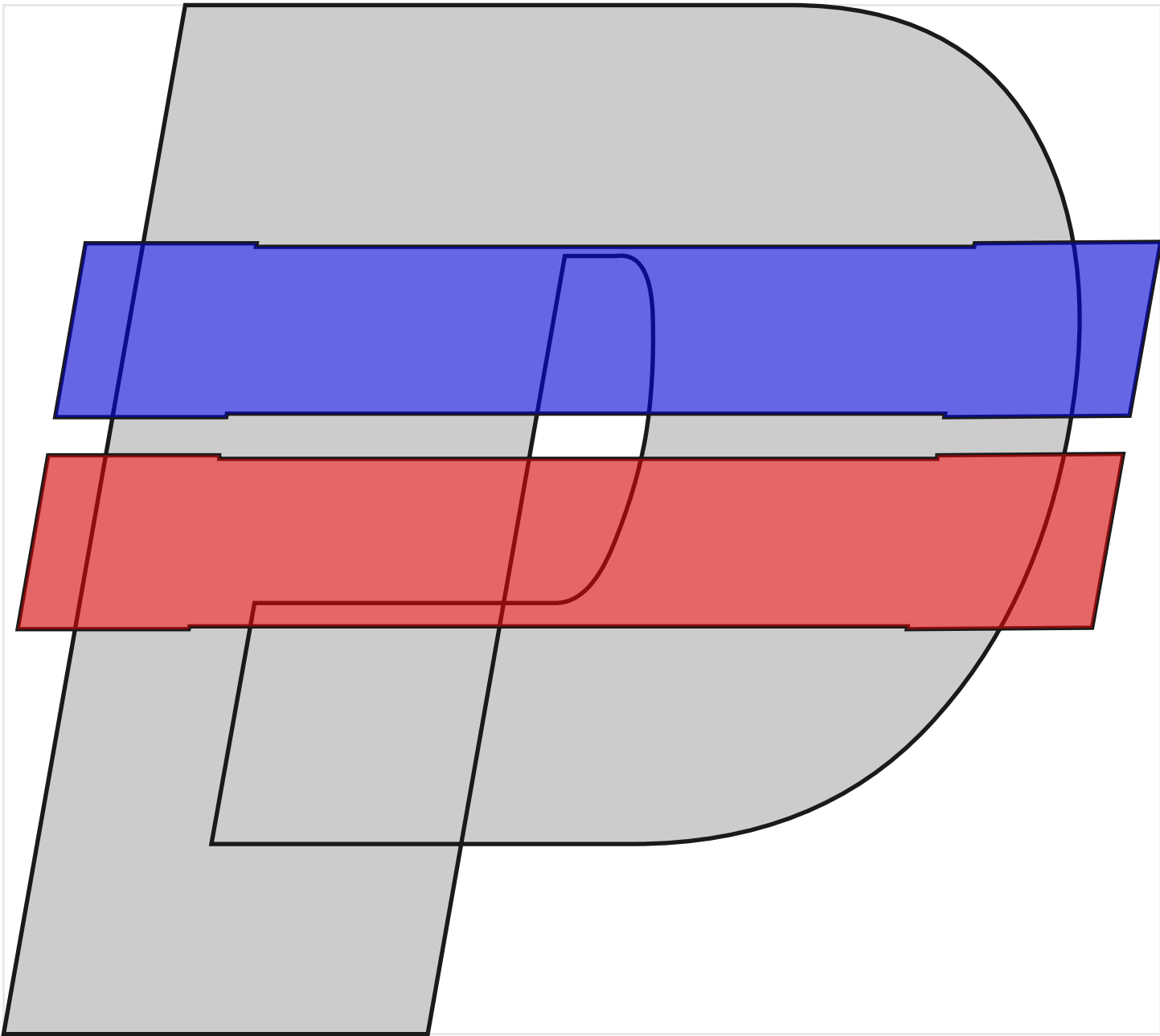
'opsz=144.0 slnt=-10.0'



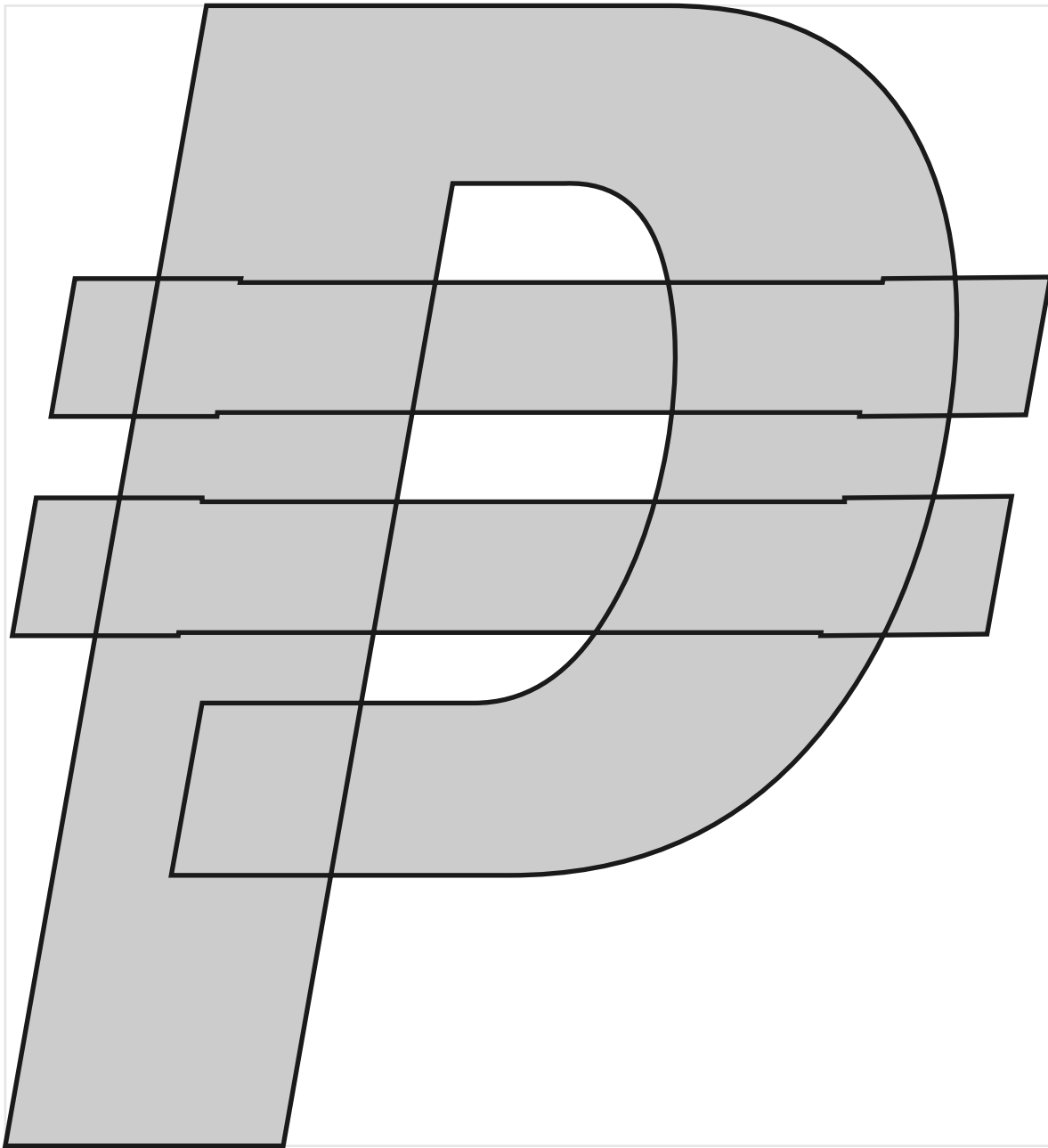
midway interpolation



'opsz=144.0 slnt=-10.0 wght=1000.0'

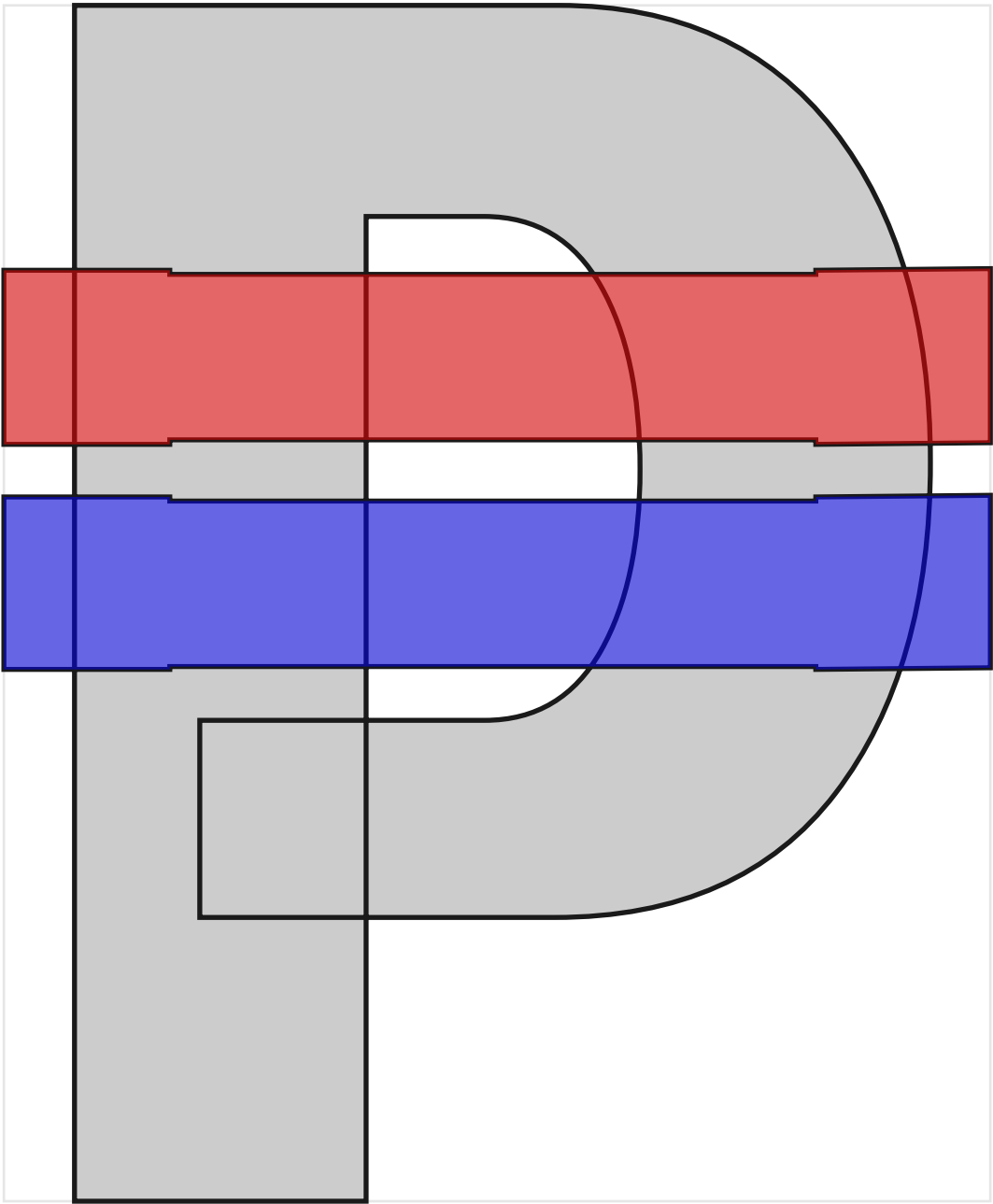


proposed fix

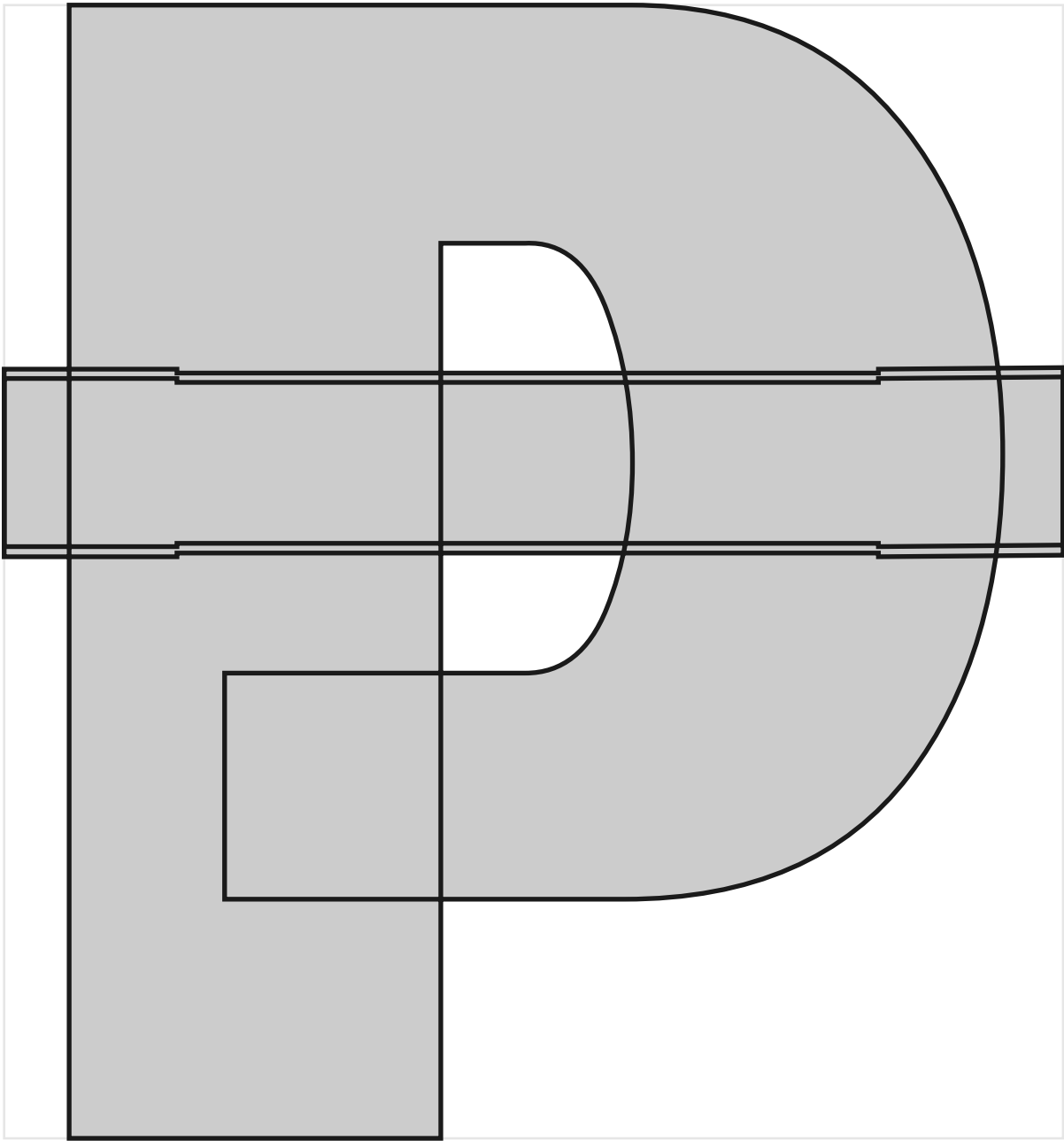


contour\_order

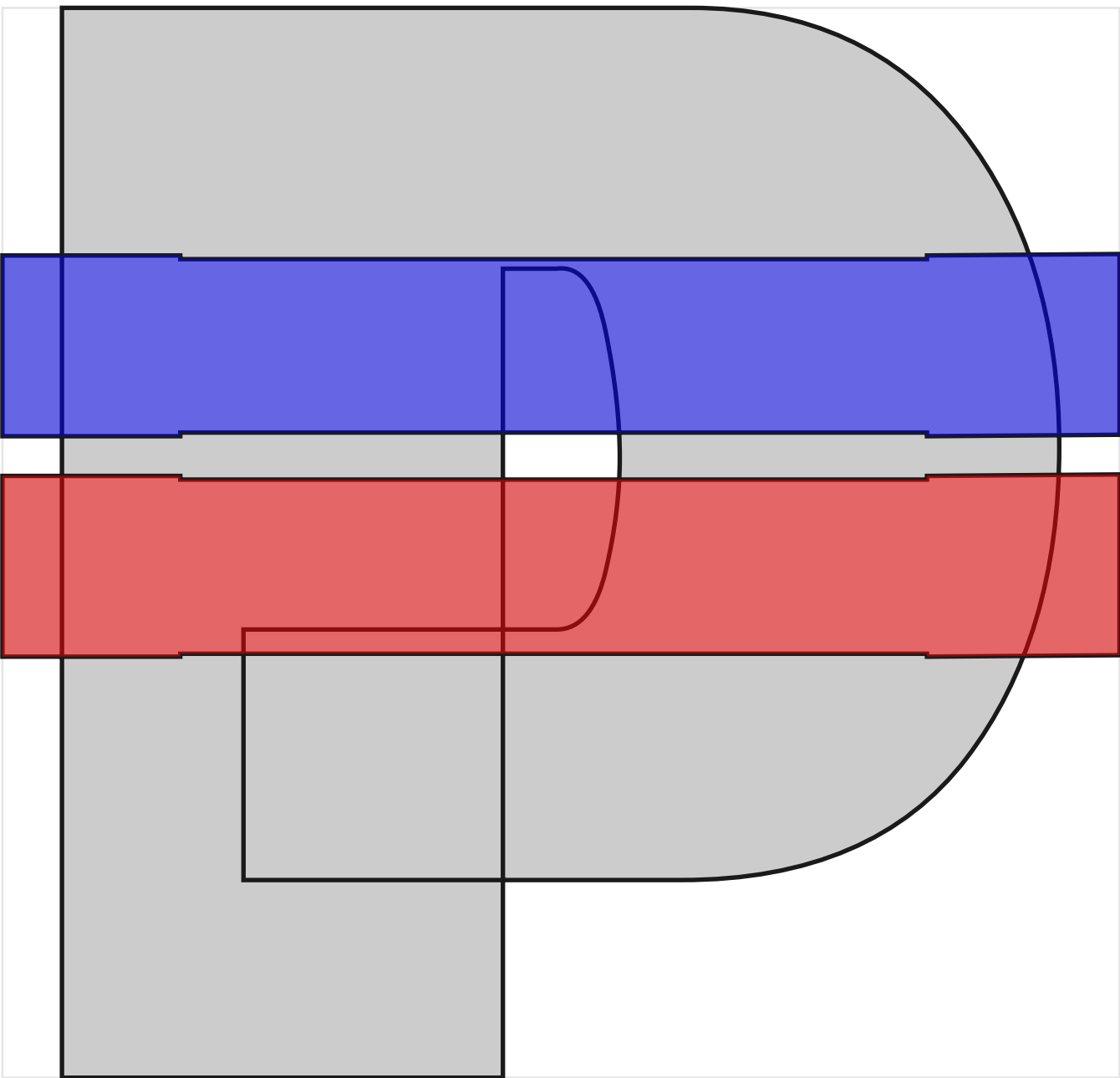
'opsz=144.0 wght=700.0'



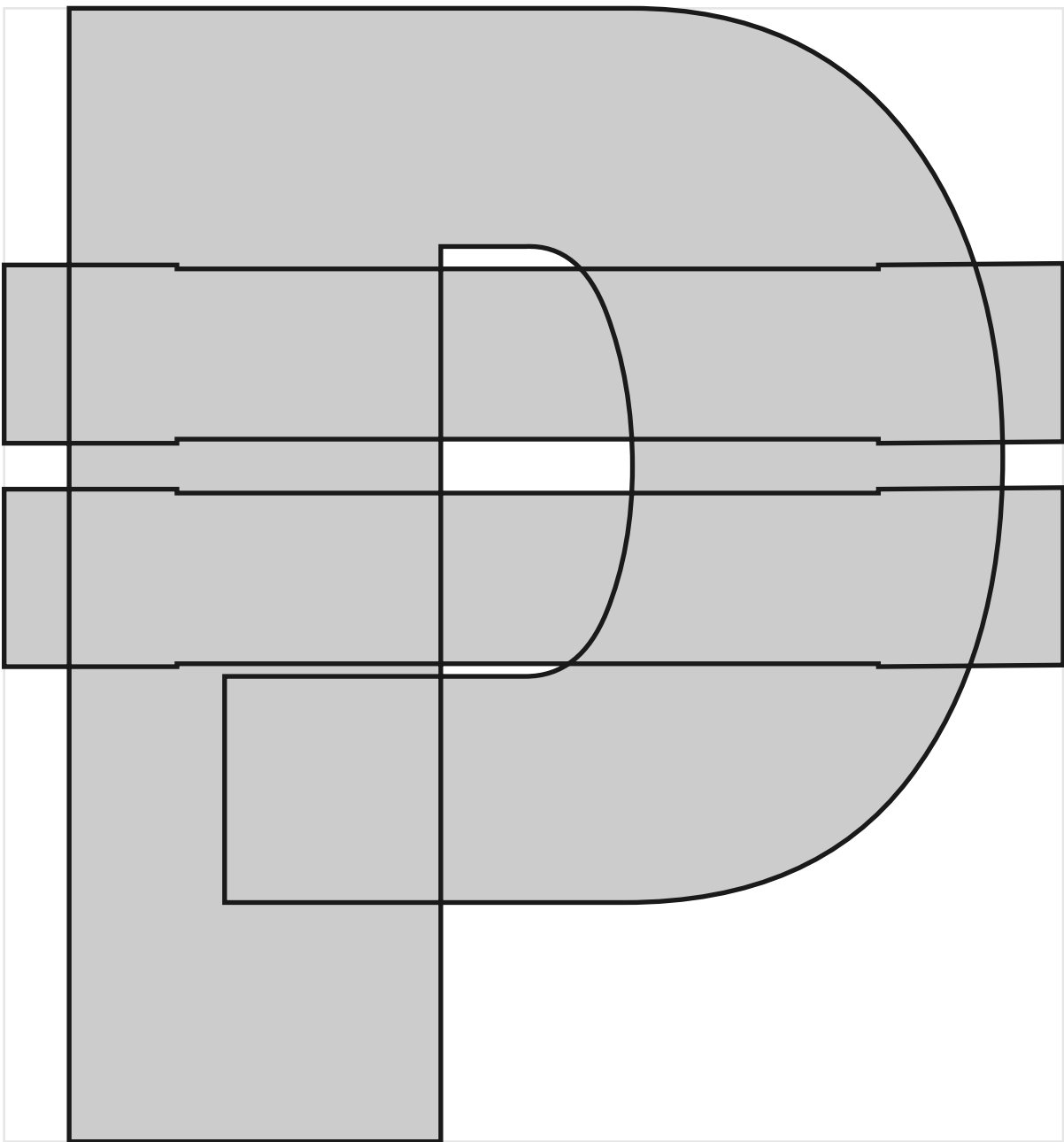
midway interpolation



'opsz=144.0 wght=1000.0'



proposed fix

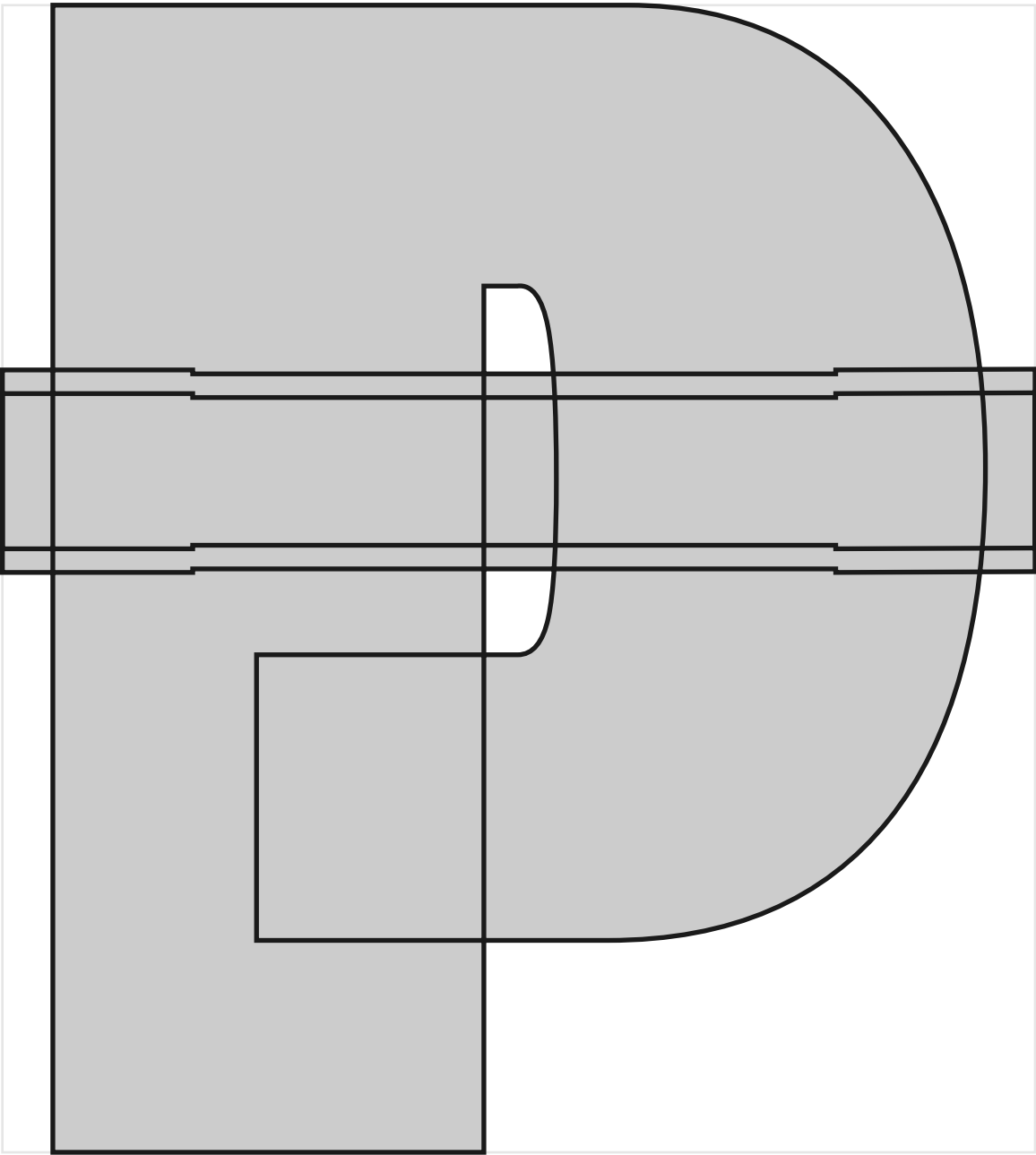
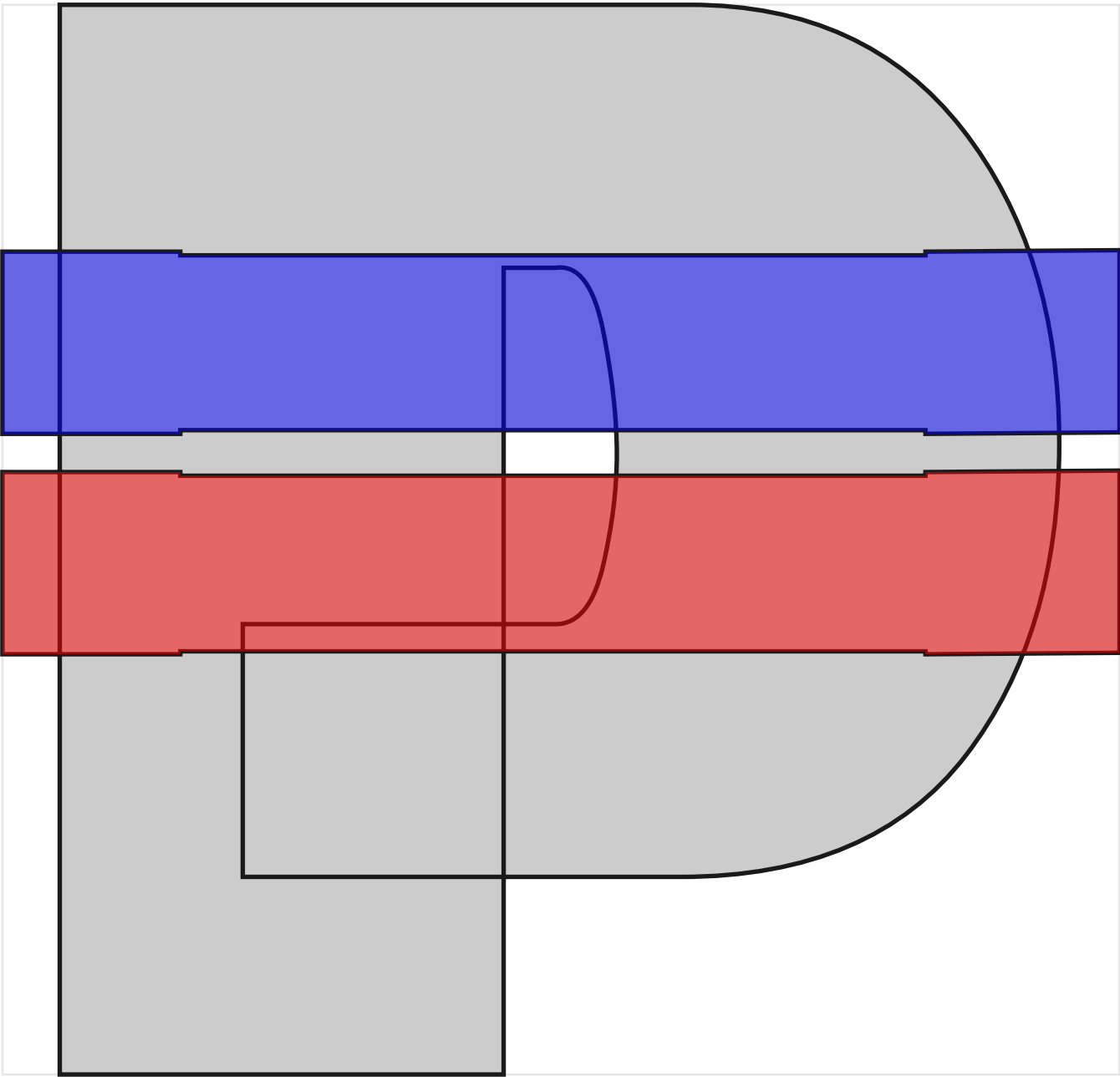




contour\_order

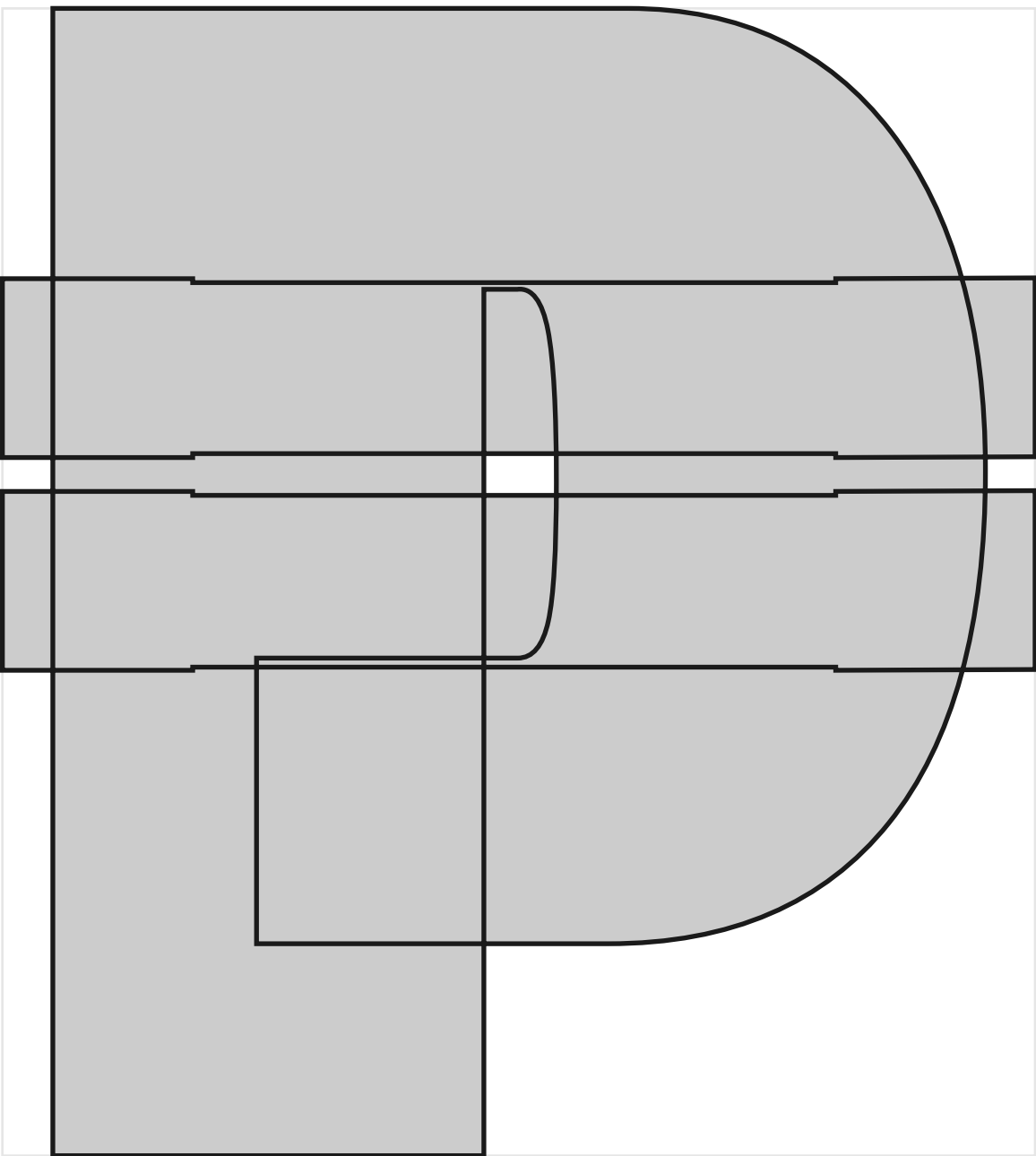
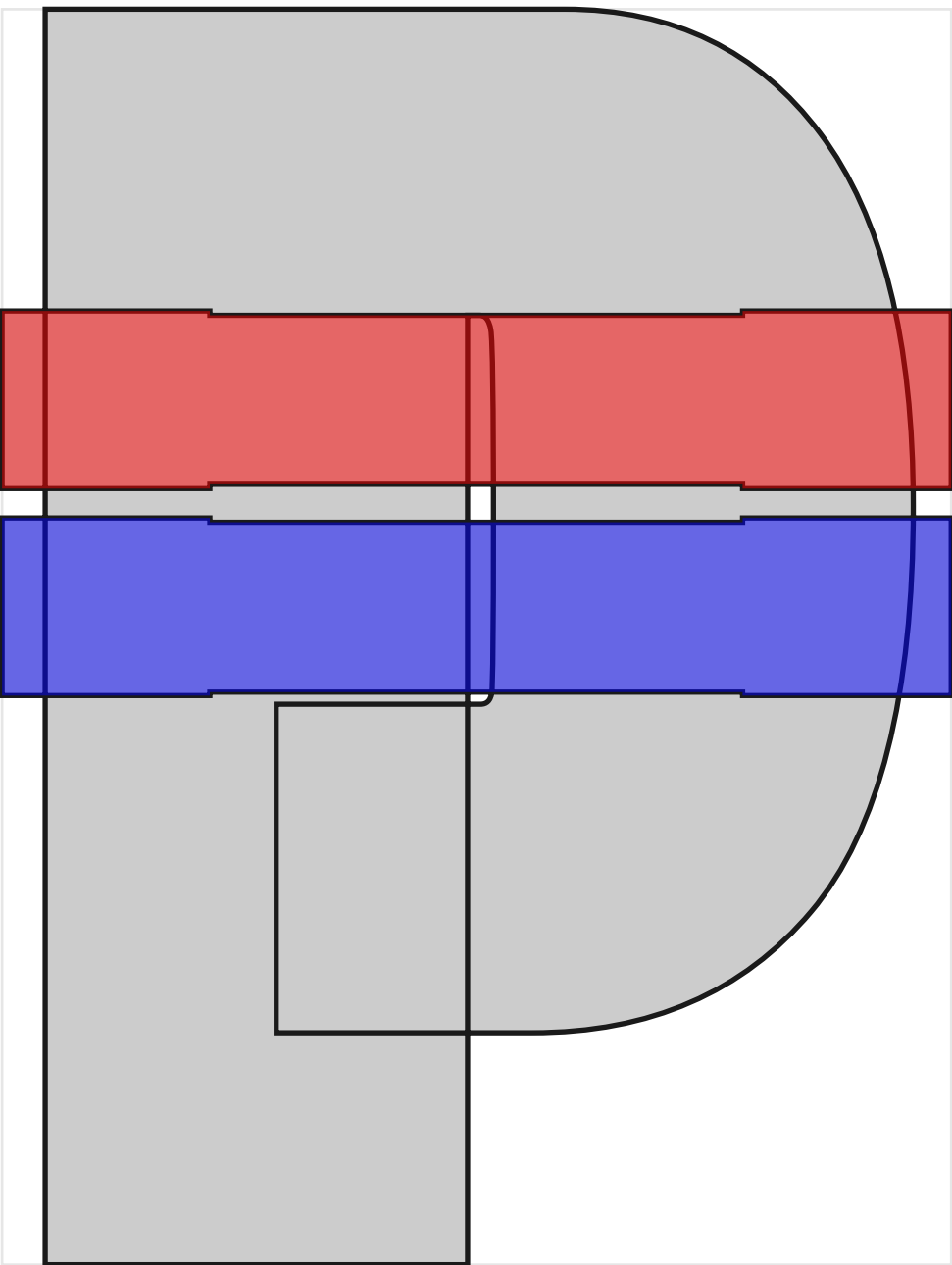
'GRAD=150.0 opsz=144.0 wght=1000.0'

midway interpolation



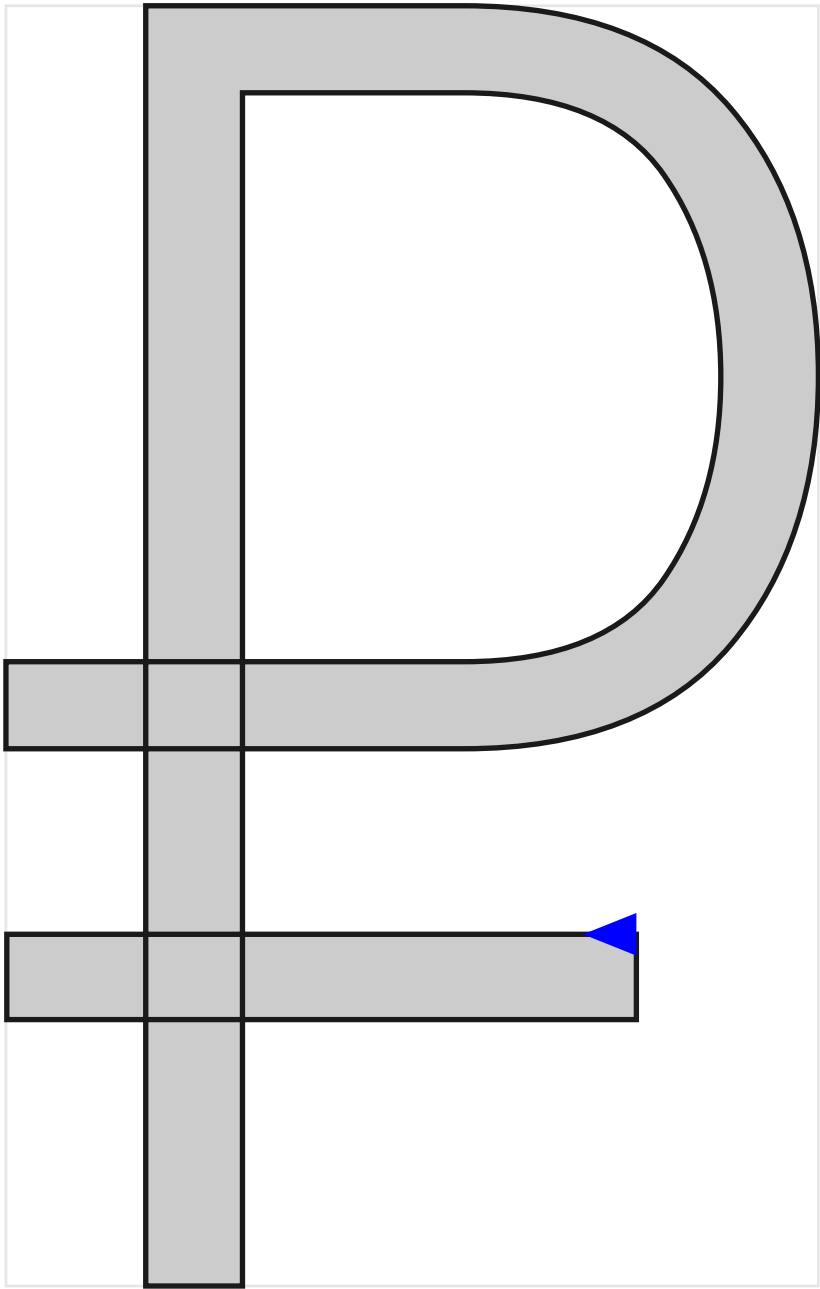
'GRAD=150.0 opsz=144.0 width=25.0 wght=1000.0'

proposed fix

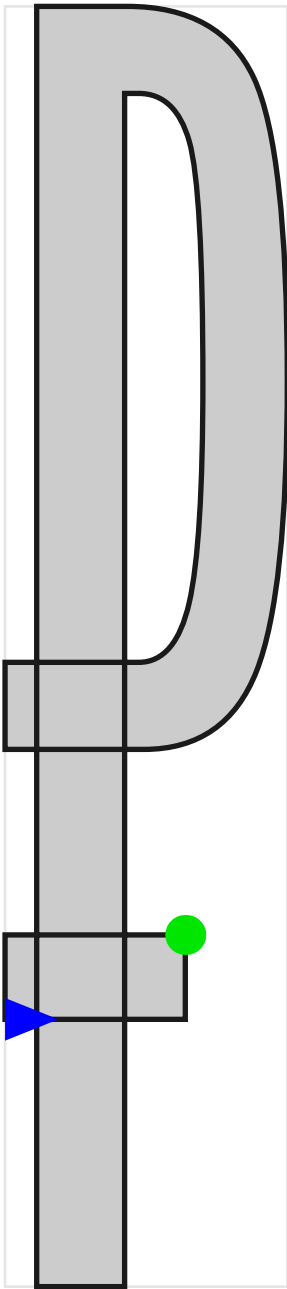


wrong\_start\_point

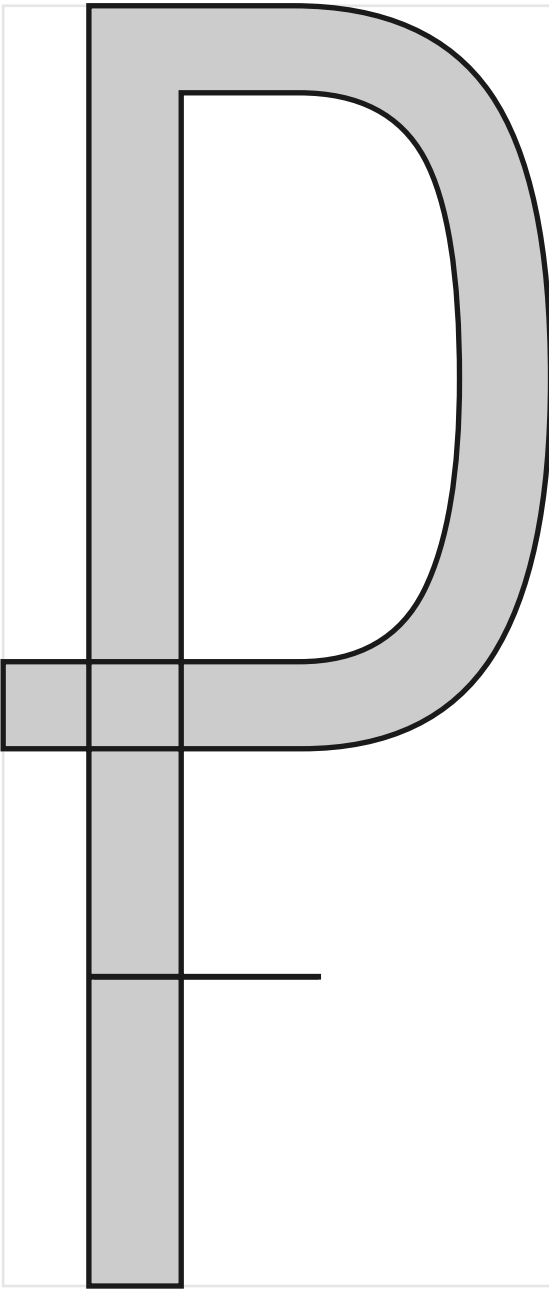
'opsz=144.0'



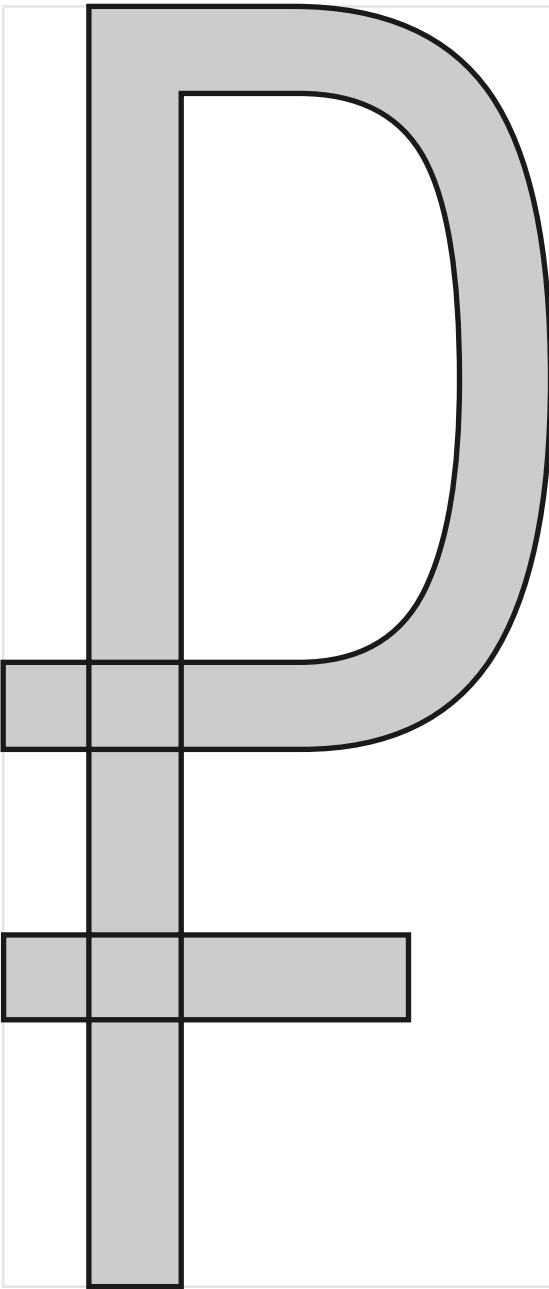
'opsz=144.0 width=25.0'



midway interpolation

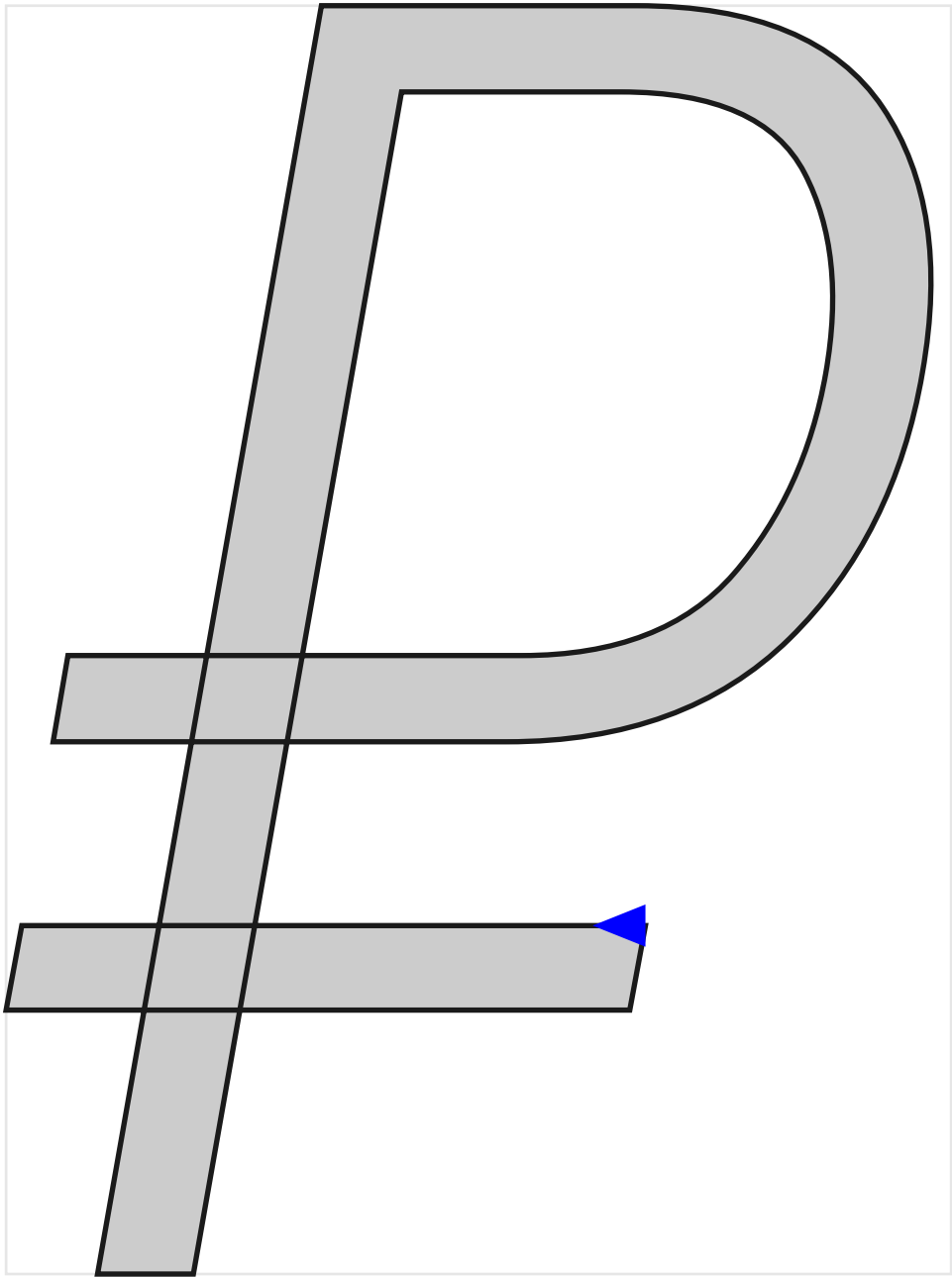


proposed fix

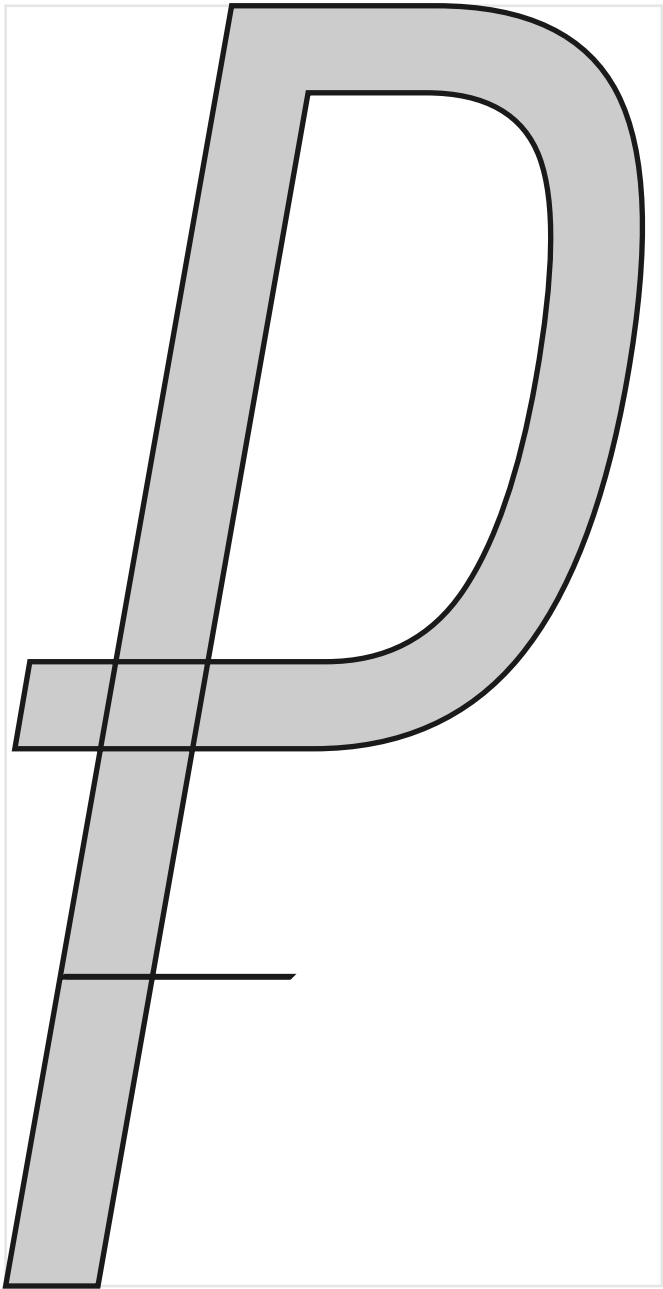


wrong\_start\_point

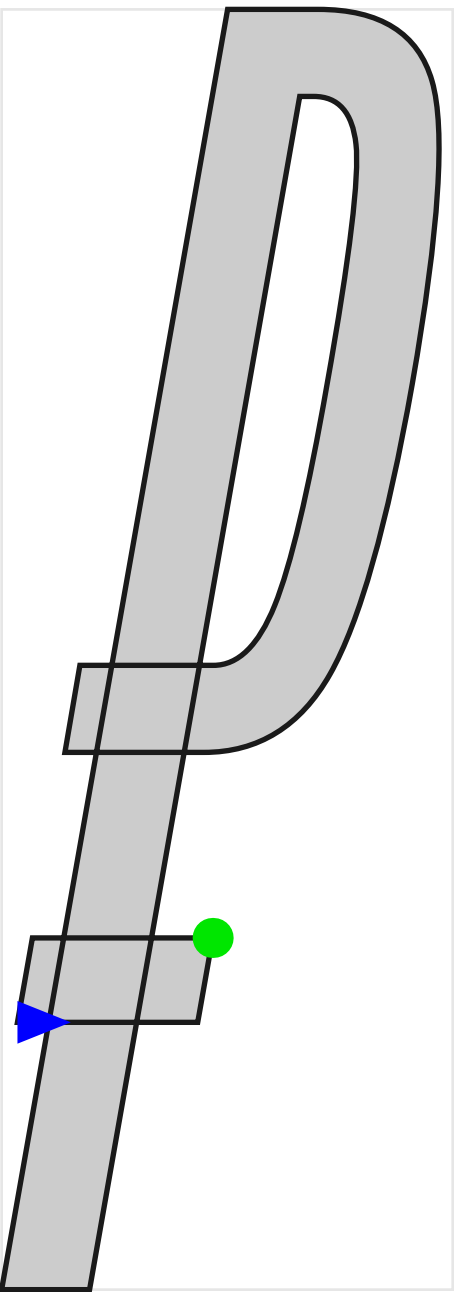
'opsz=144.0 slnt=-10.0'



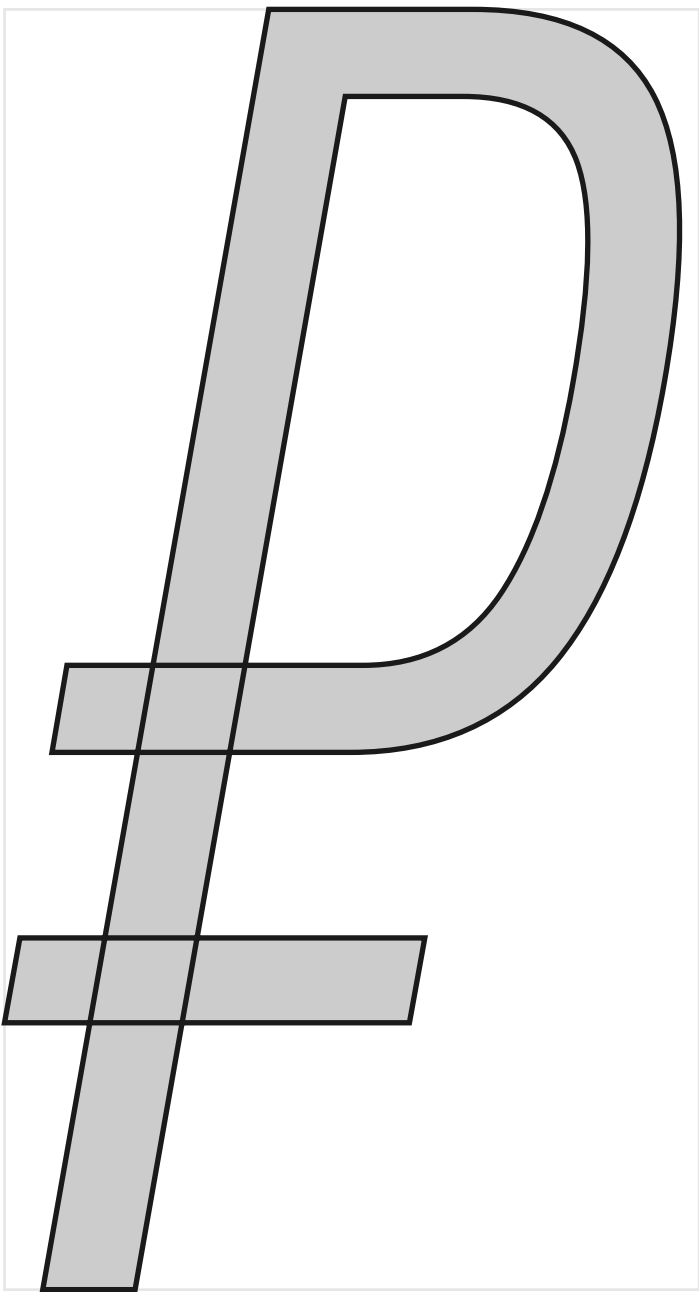
midway interpolation



'opsz=144.0 slnt=-10.0 width=25.0'

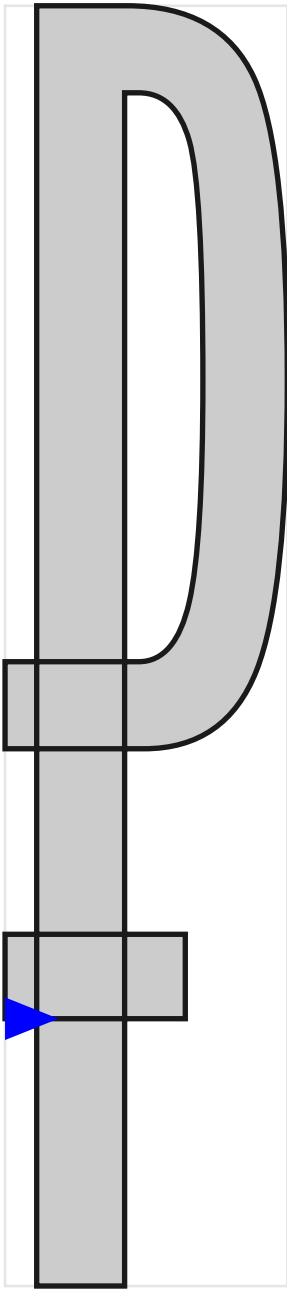


proposed fix

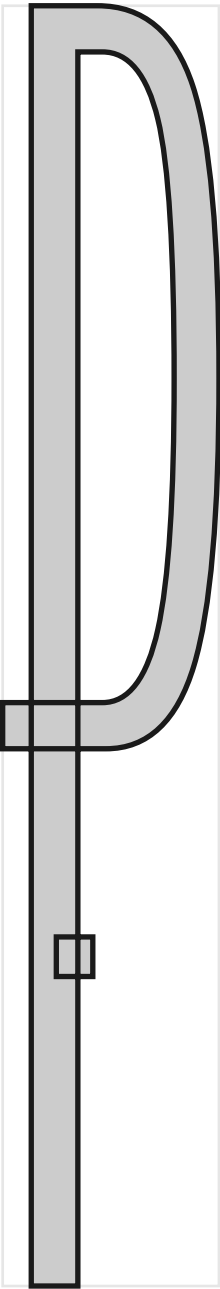


wrong\_start\_point

'opsz=144.0 width=25.0'



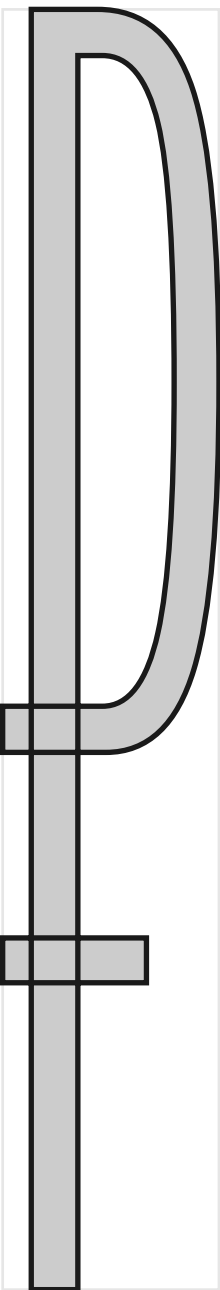
midway interpolation



'opsz=144.0 width=25.0 wght=100.0'

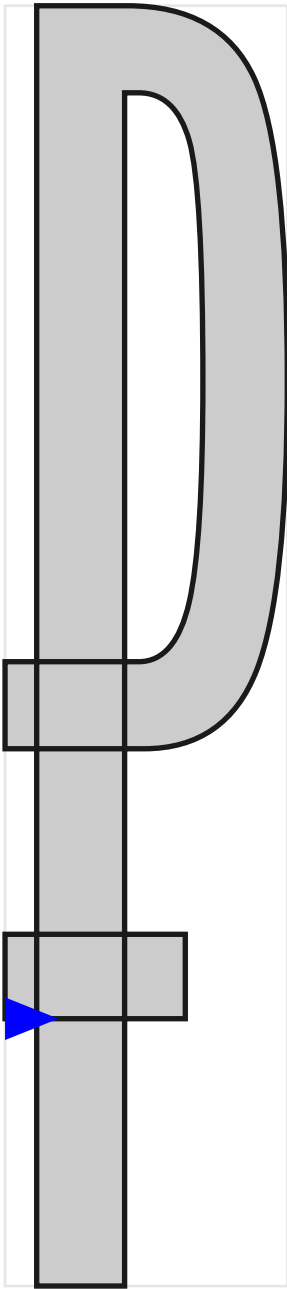


proposed fix

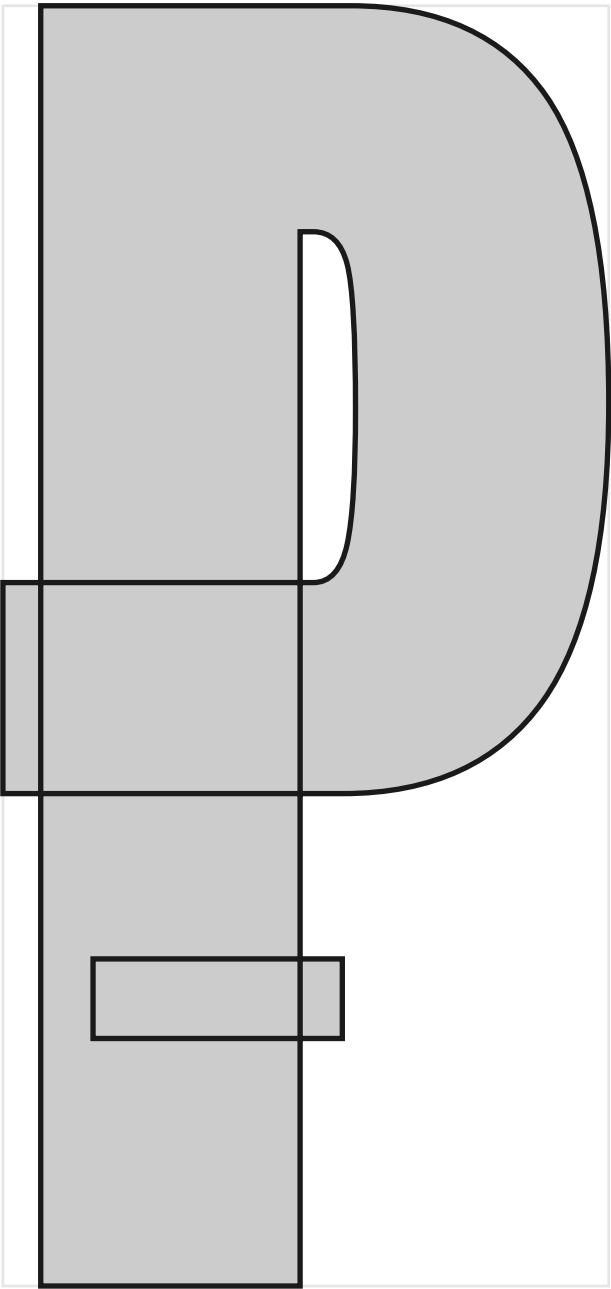


wrong\_start\_point

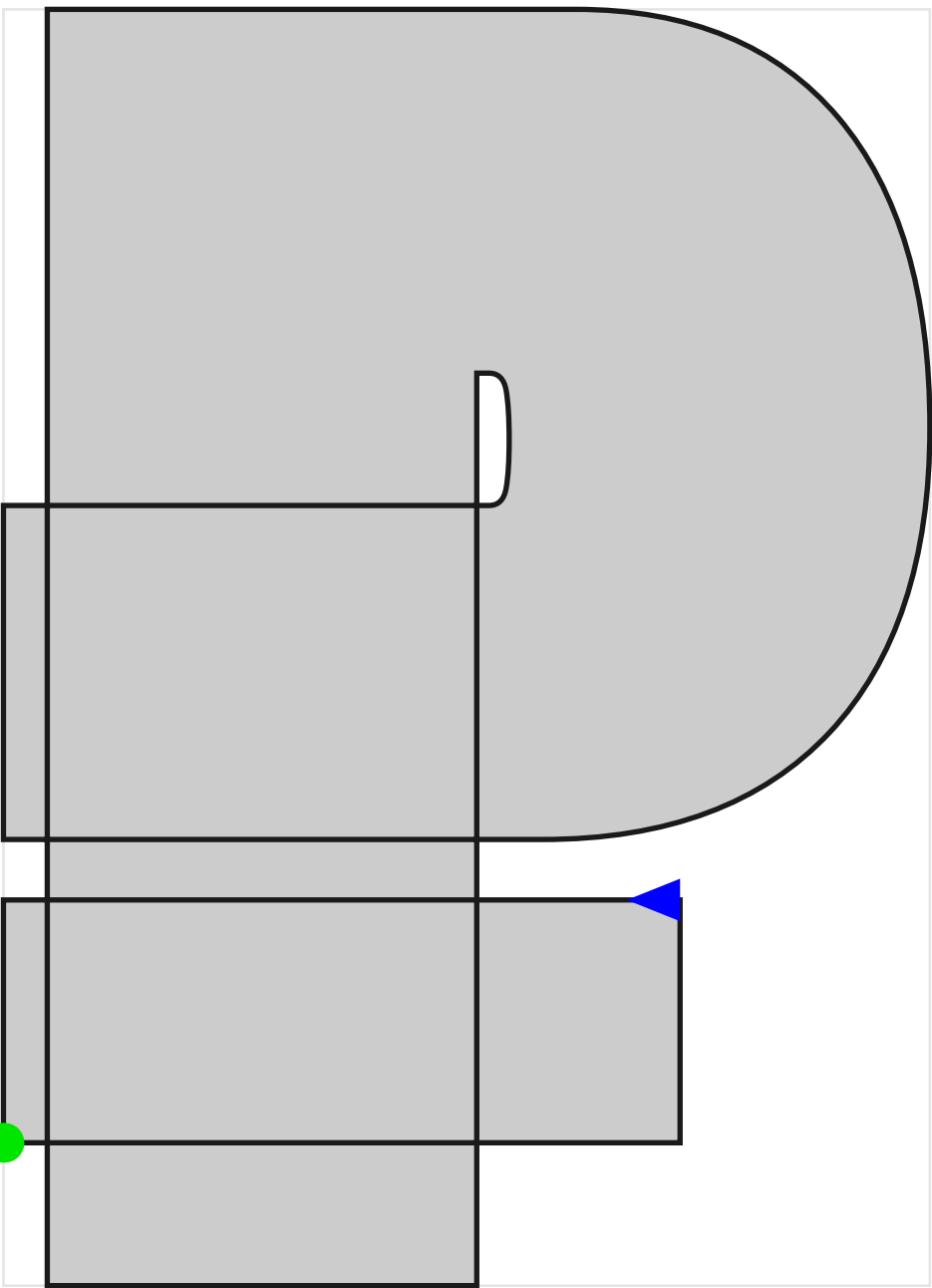
'opsz=144.0 width=25.0'



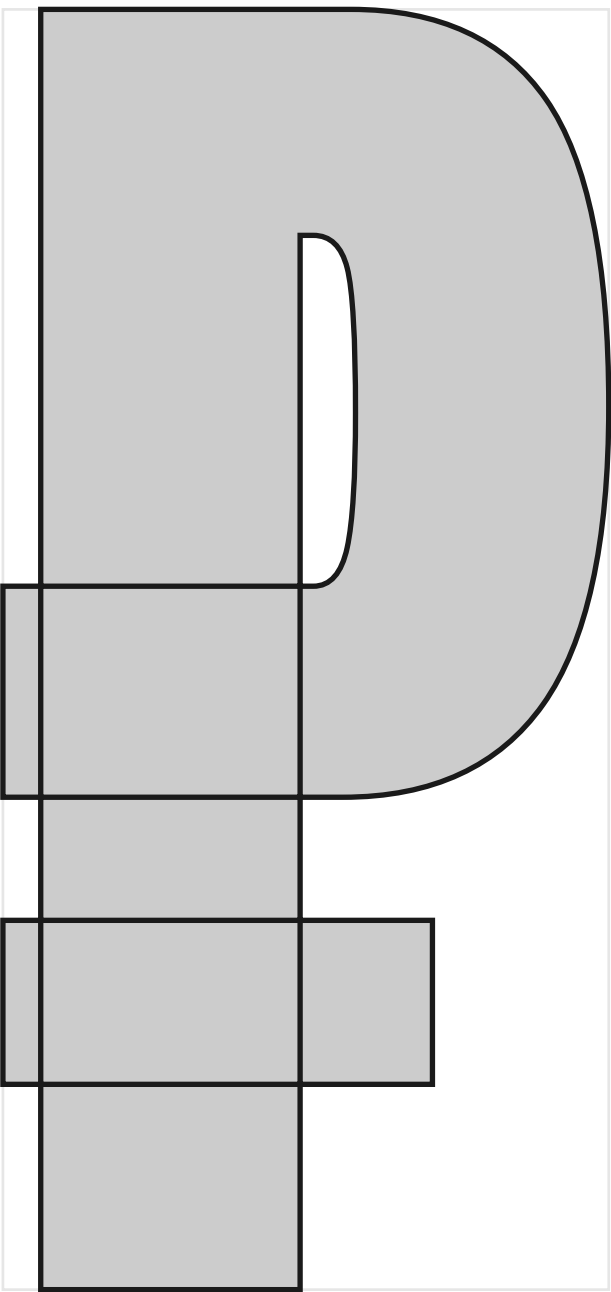
midway interpolation



'opsz=144.0 width=25.0 wght=1000.0'

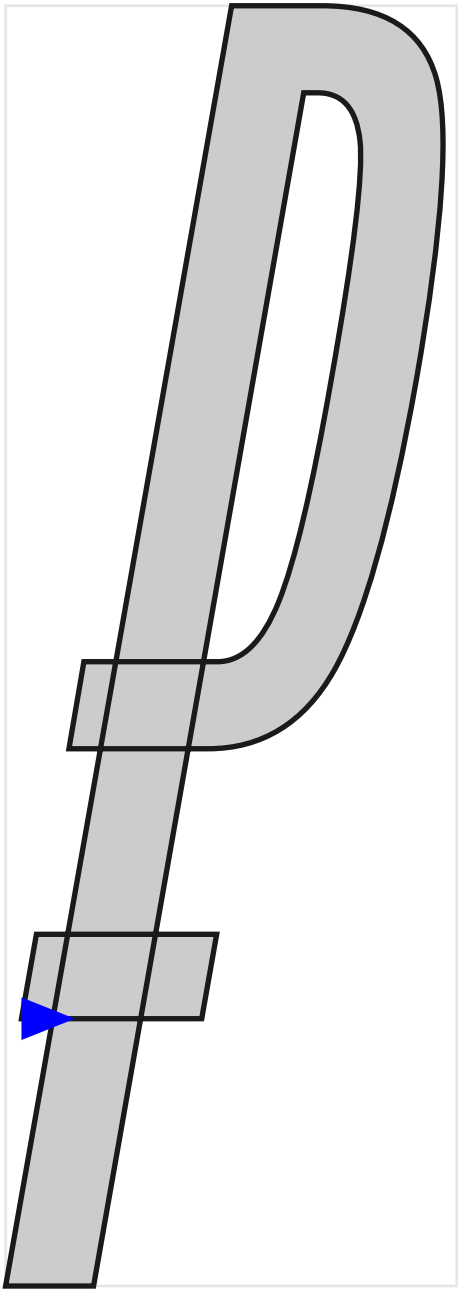


proposed fix

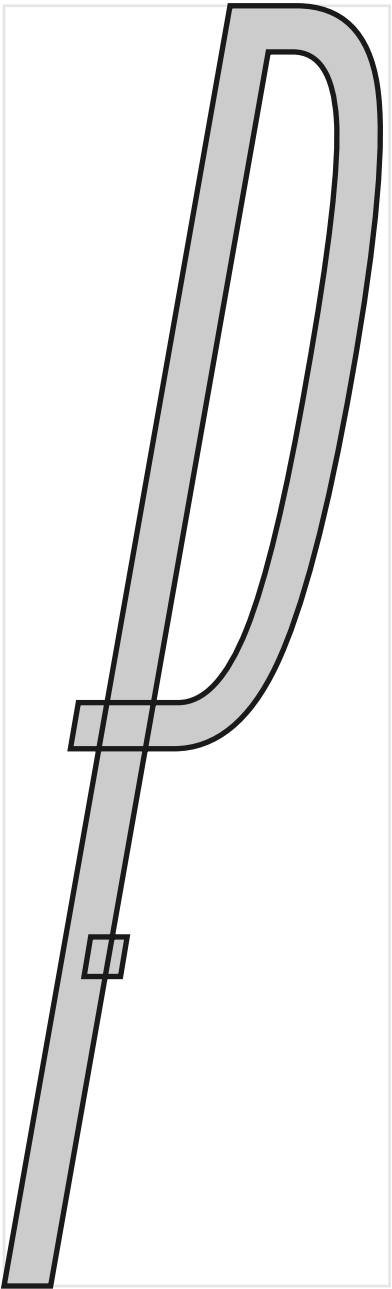


wrong\_start\_point

'opsz=144.0 slnt=-10.0 width=25.0'

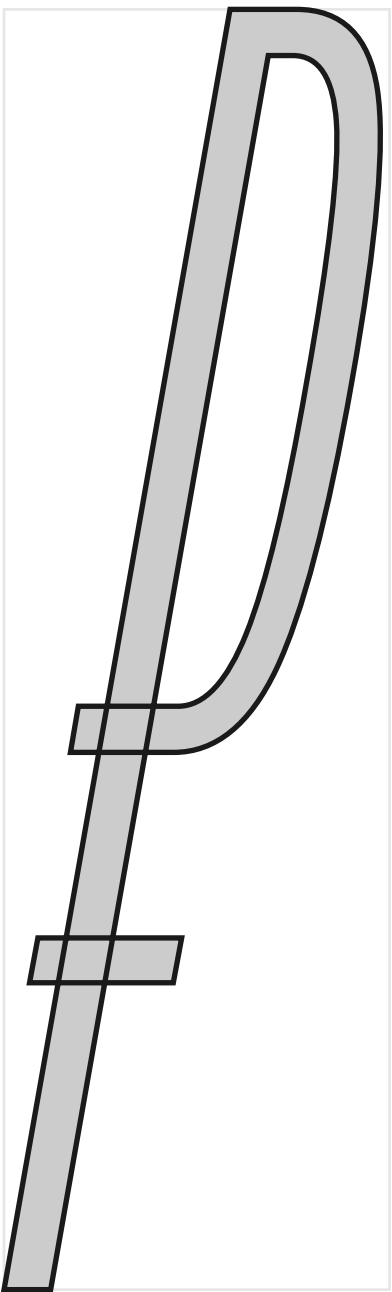
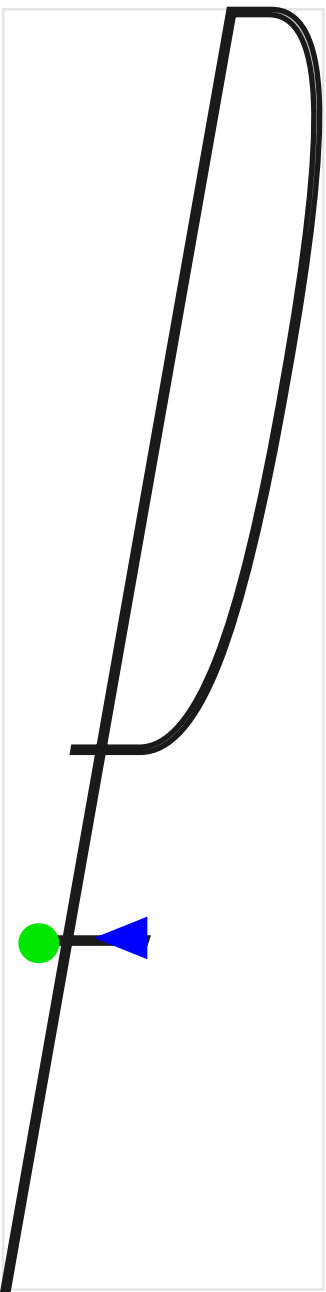


midway interpolation



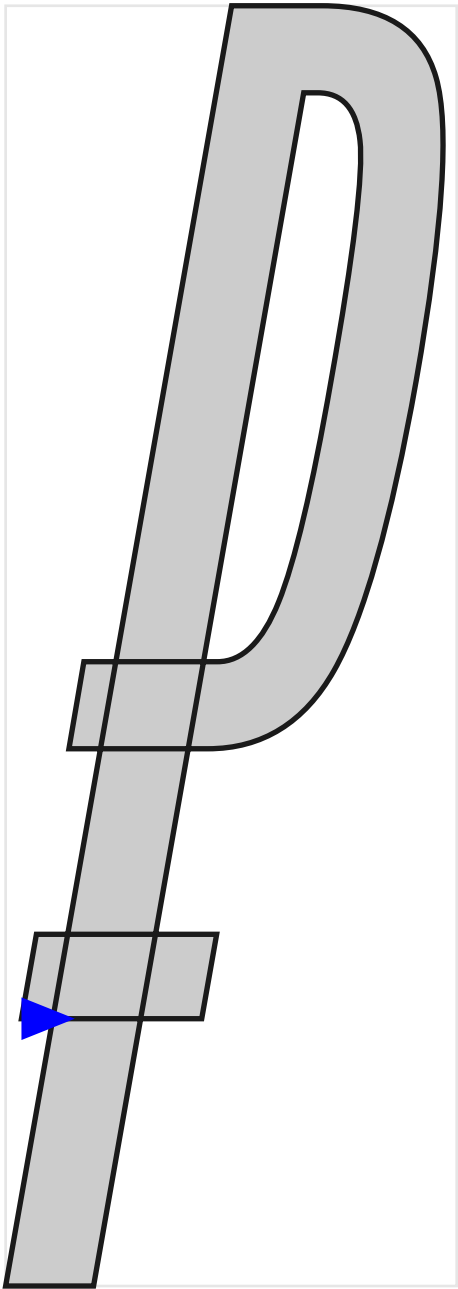
'opsz=144.0 slnt=-10.0 width=25.0 wght=100.0'

proposed fix

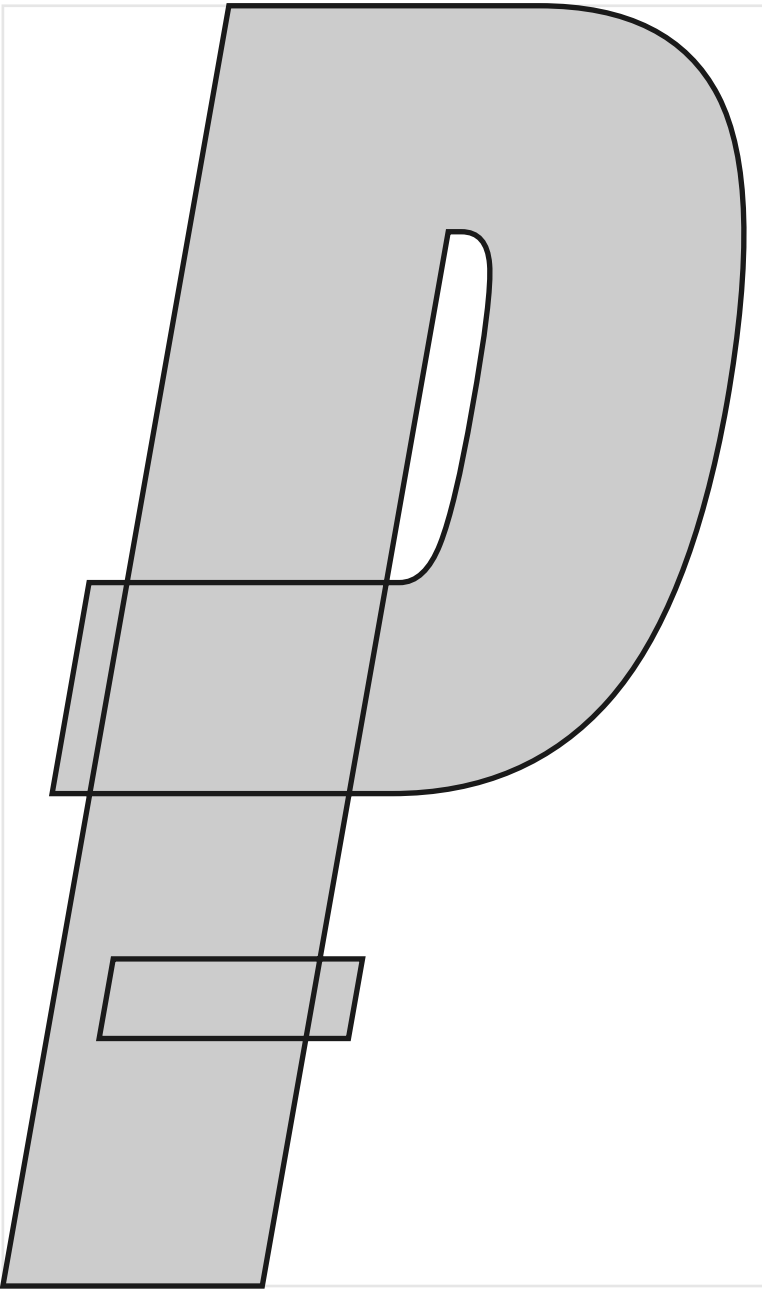


wrong\_start\_point

'opsz=144.0 slnt=-10.0 width=25.0'

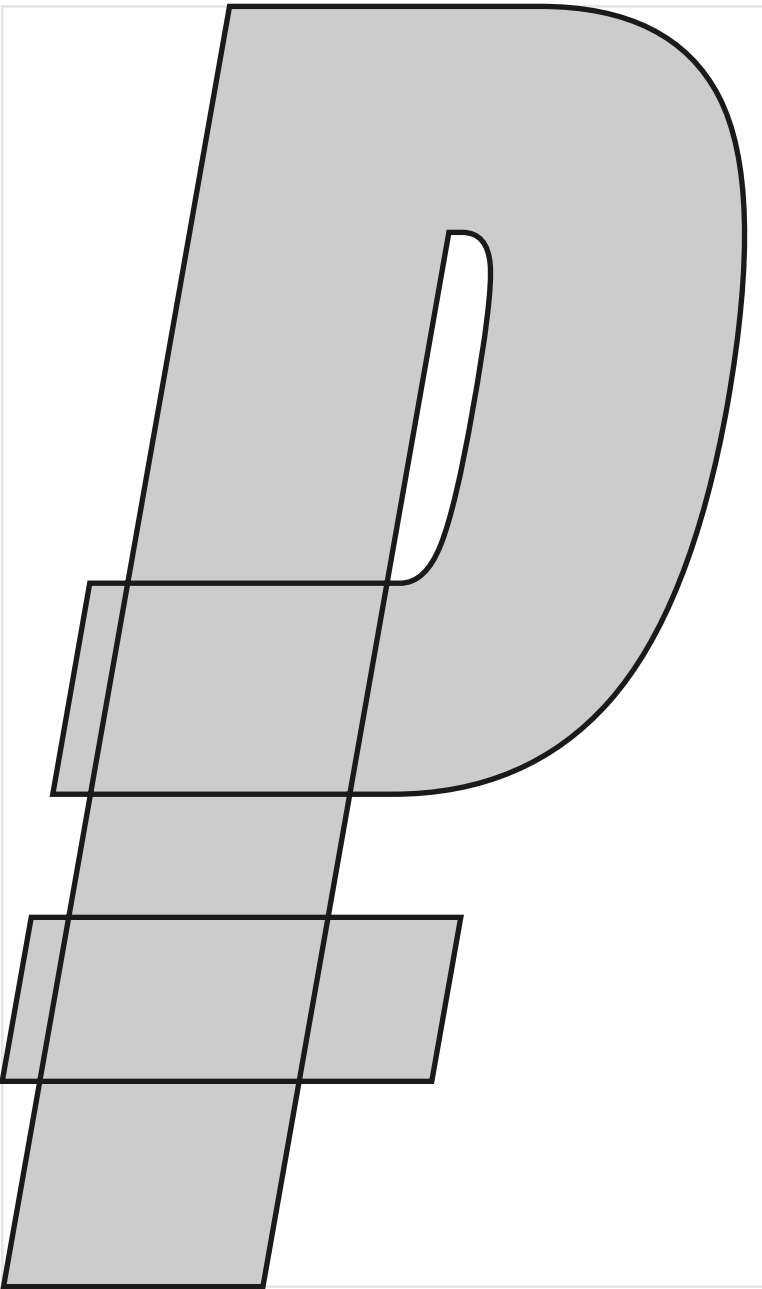
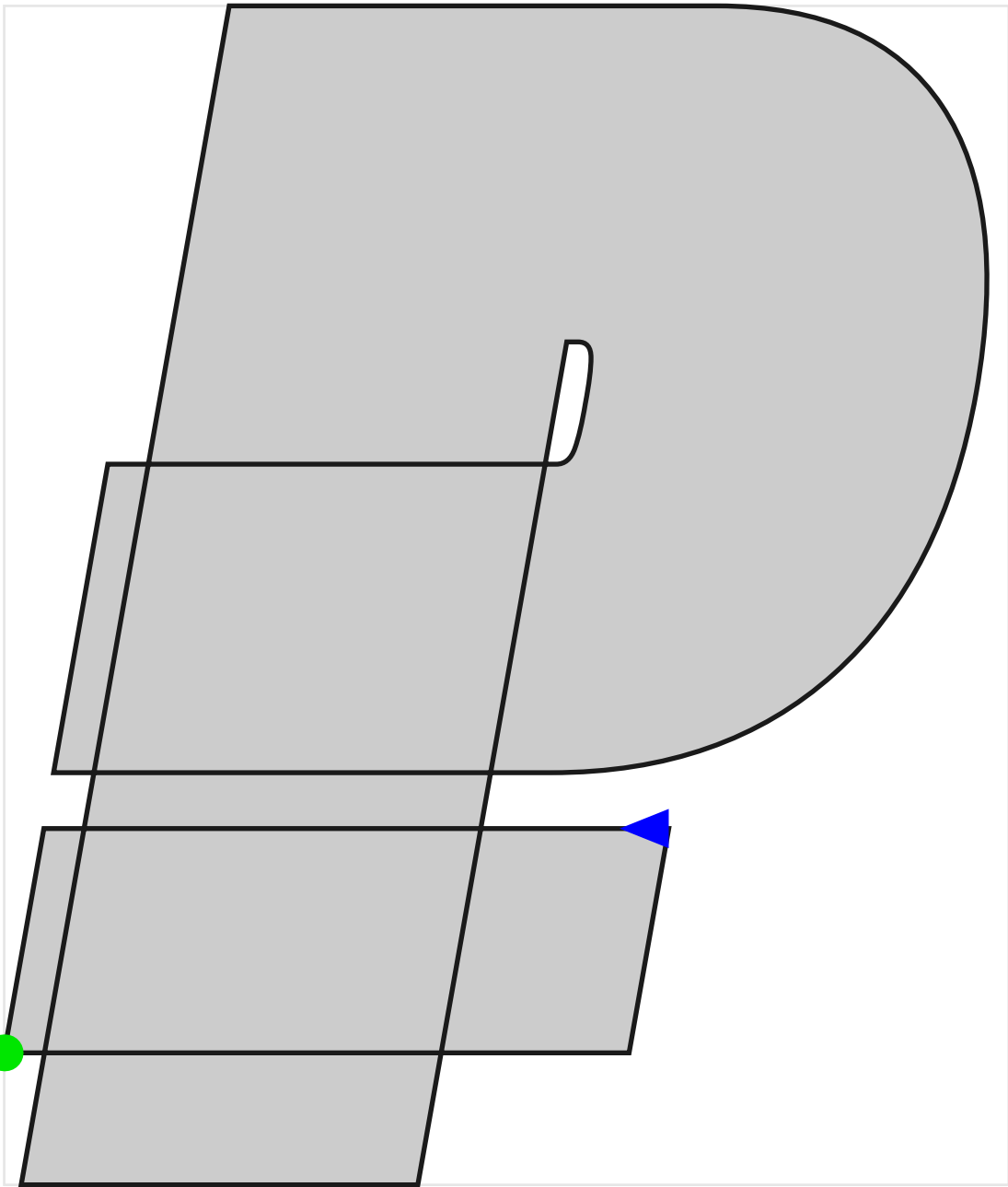


midway interpolation



'opsz=144.0 slnt=-10.0 width=25.0 wght=1000.0'

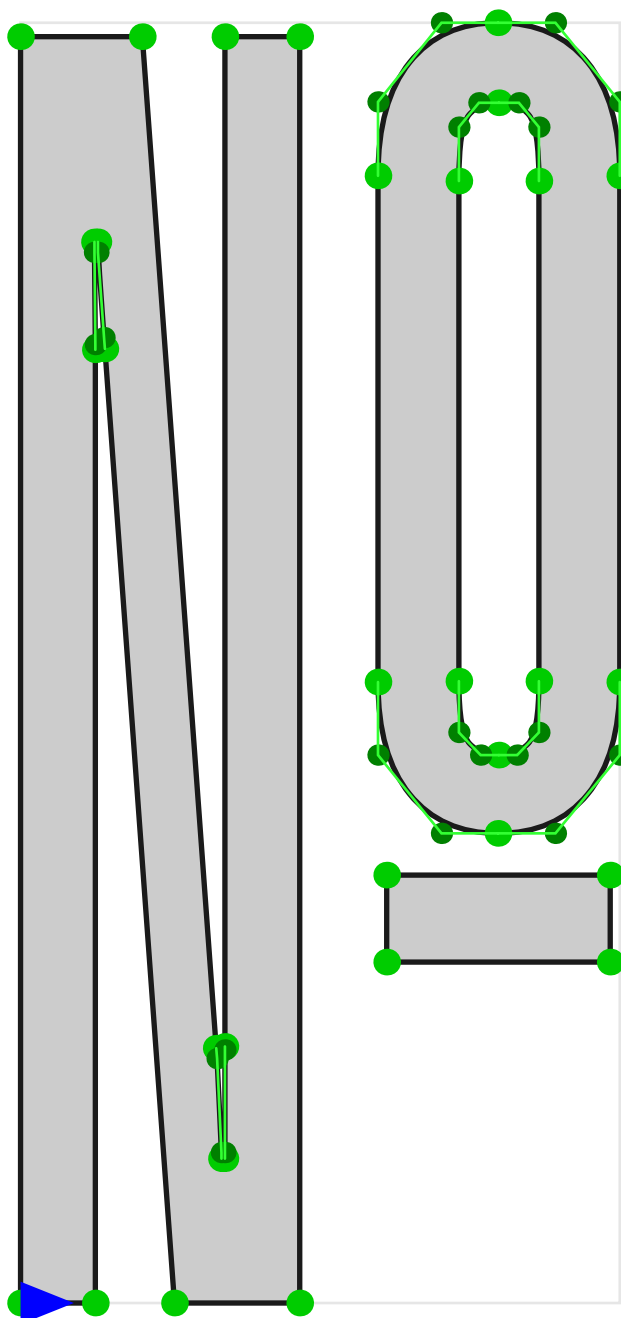
proposed fix



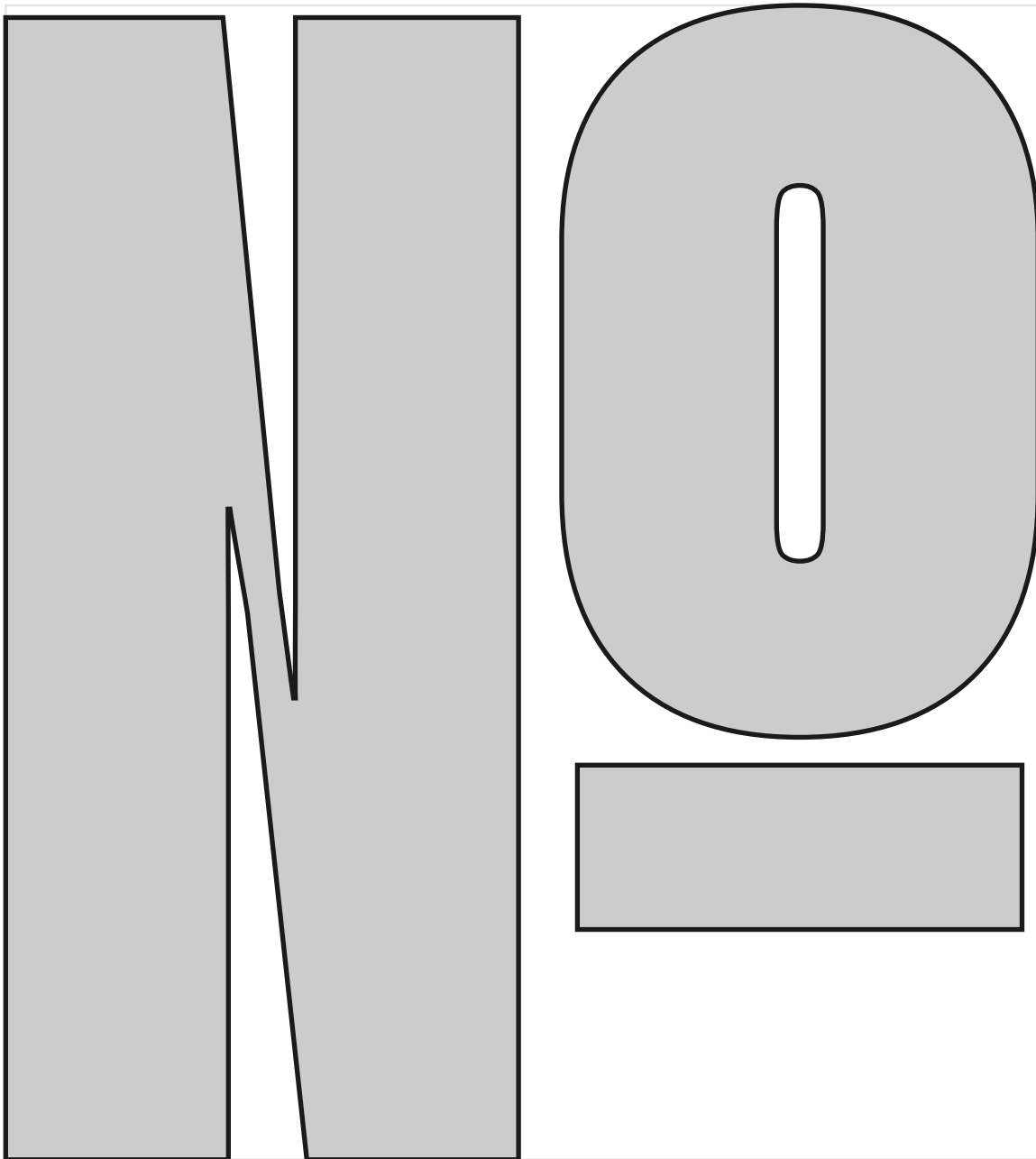
Glyph name: uni2116

wrong\_structure

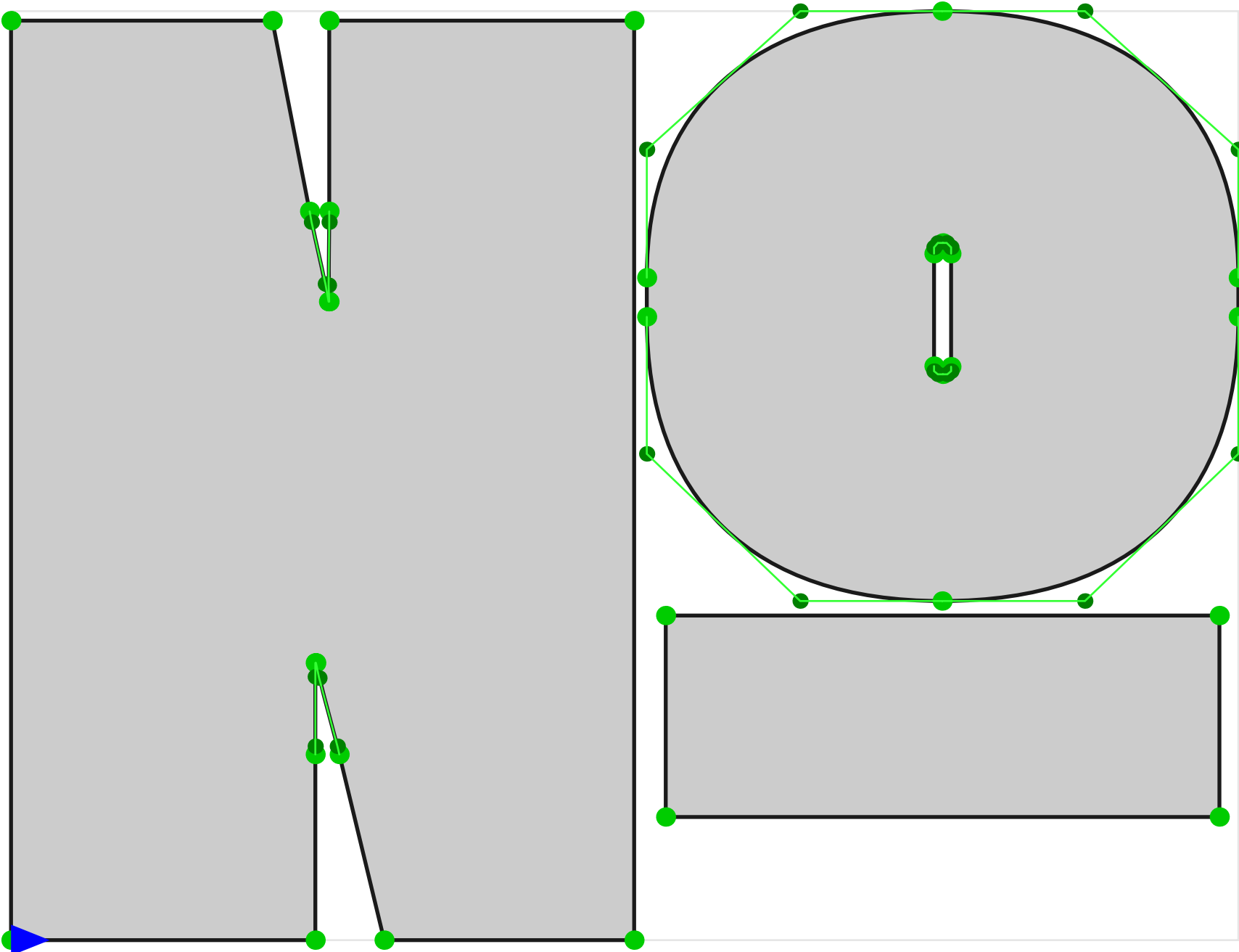
'opsz=144.0 width=25.0'



midway interpolation



'opsz=144.0 width=25.0 wght=1000.0'



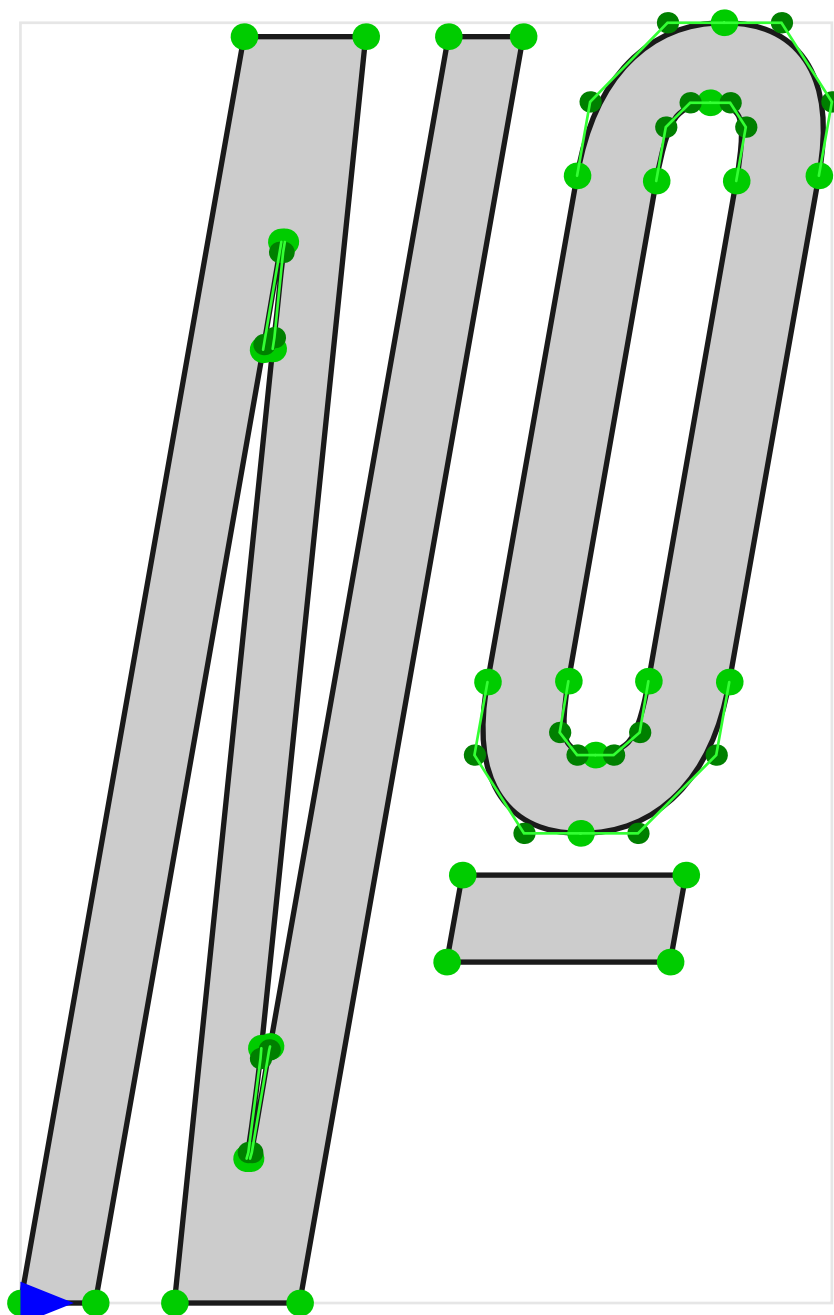
proposed fix





wrong\_structure

'opsz=144.0 slnt=-10.0 width=25.0'



midway interpolation



'opsz=144.0 slnt=-10.0 width=25.0 wght=1000.0'

proposed fix

