

# Problem report for:

RobotoFlex[GRAD,XOPQ,XTRA,YOPQ,YTAS,YTDE,YTFI,YTLC,YTUC,opsz,slnt,width,wght].ttf  
sha1: 6 168f4d27fdd777975ae0de390072471bafb028e  
Family name: Roboto Flex  
Version: Version 3.200;gftools[0.9.32]

## Parameters:

Error tolerance: 0.95  
Kink—reporting aggressiveness: 0.5

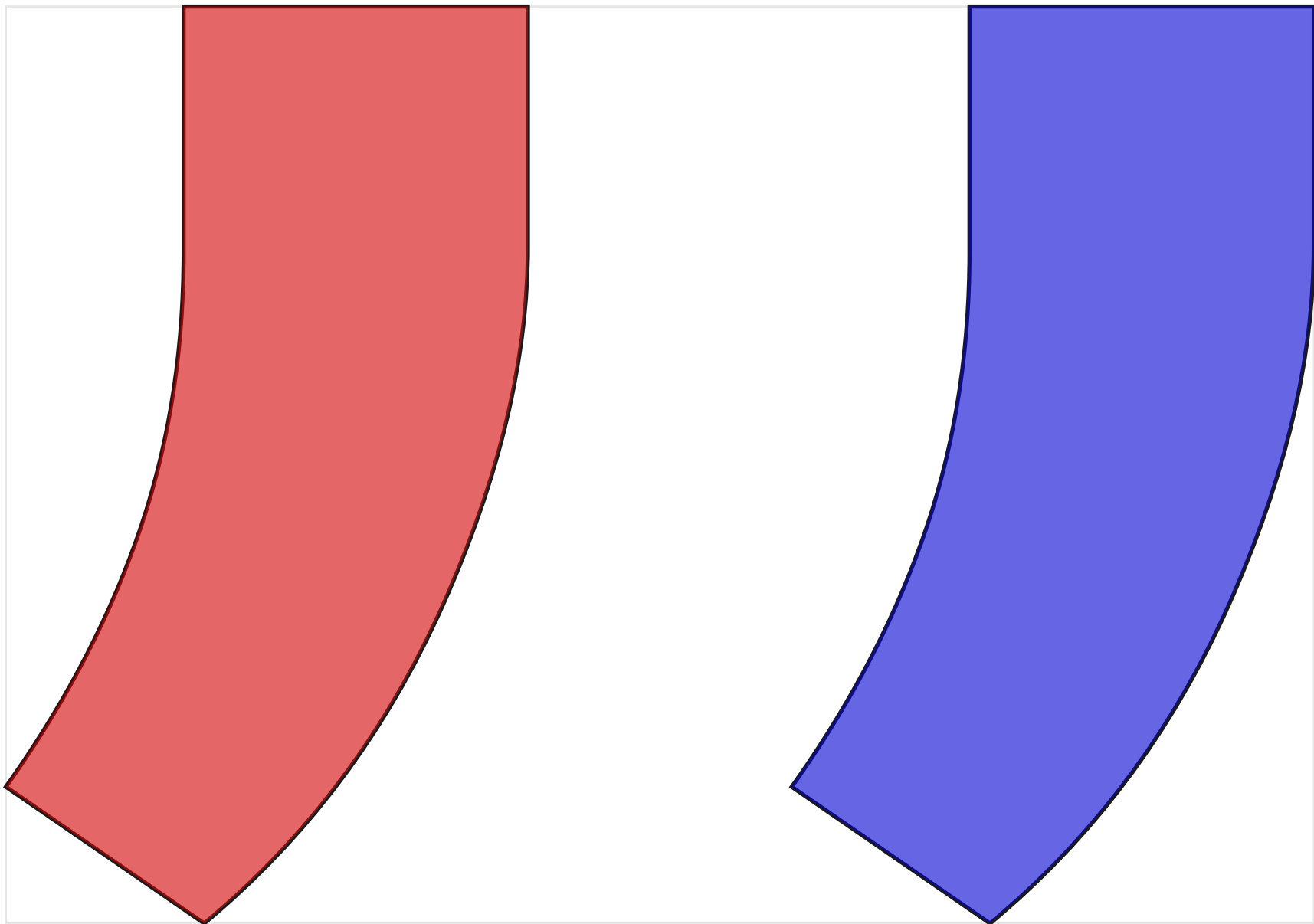
## Legend:

- ▶ 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
- Underweight contours

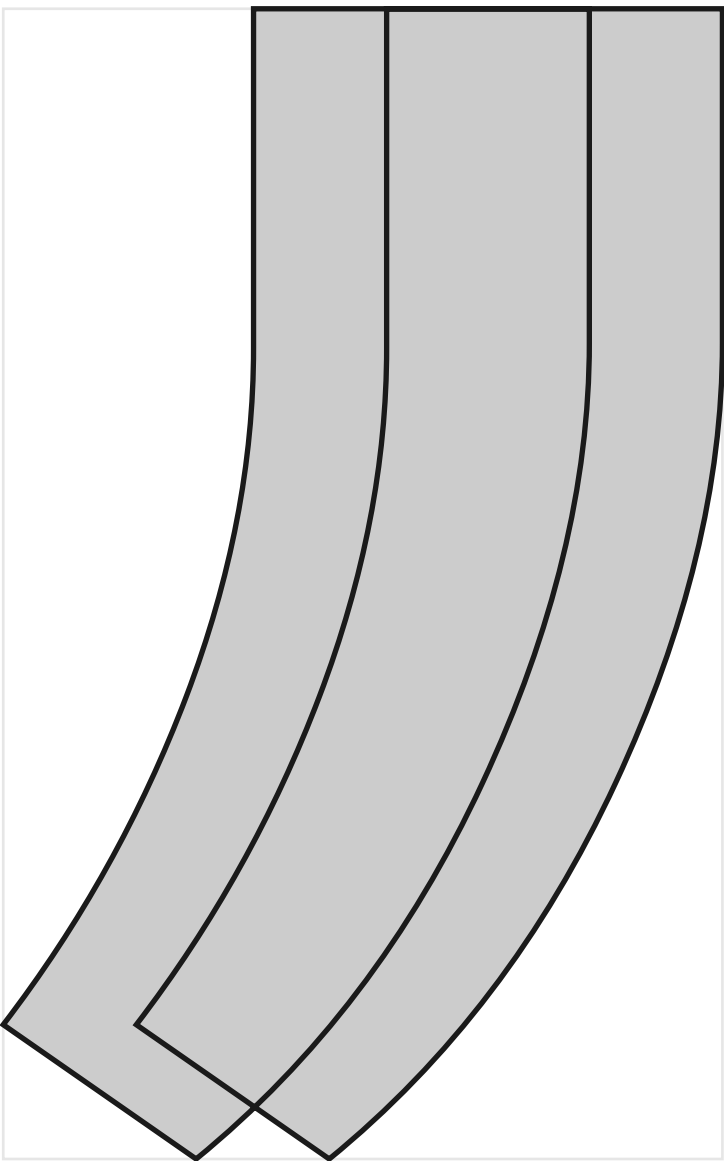
Tolerance: badness; closer to zero the worse

contour\_order

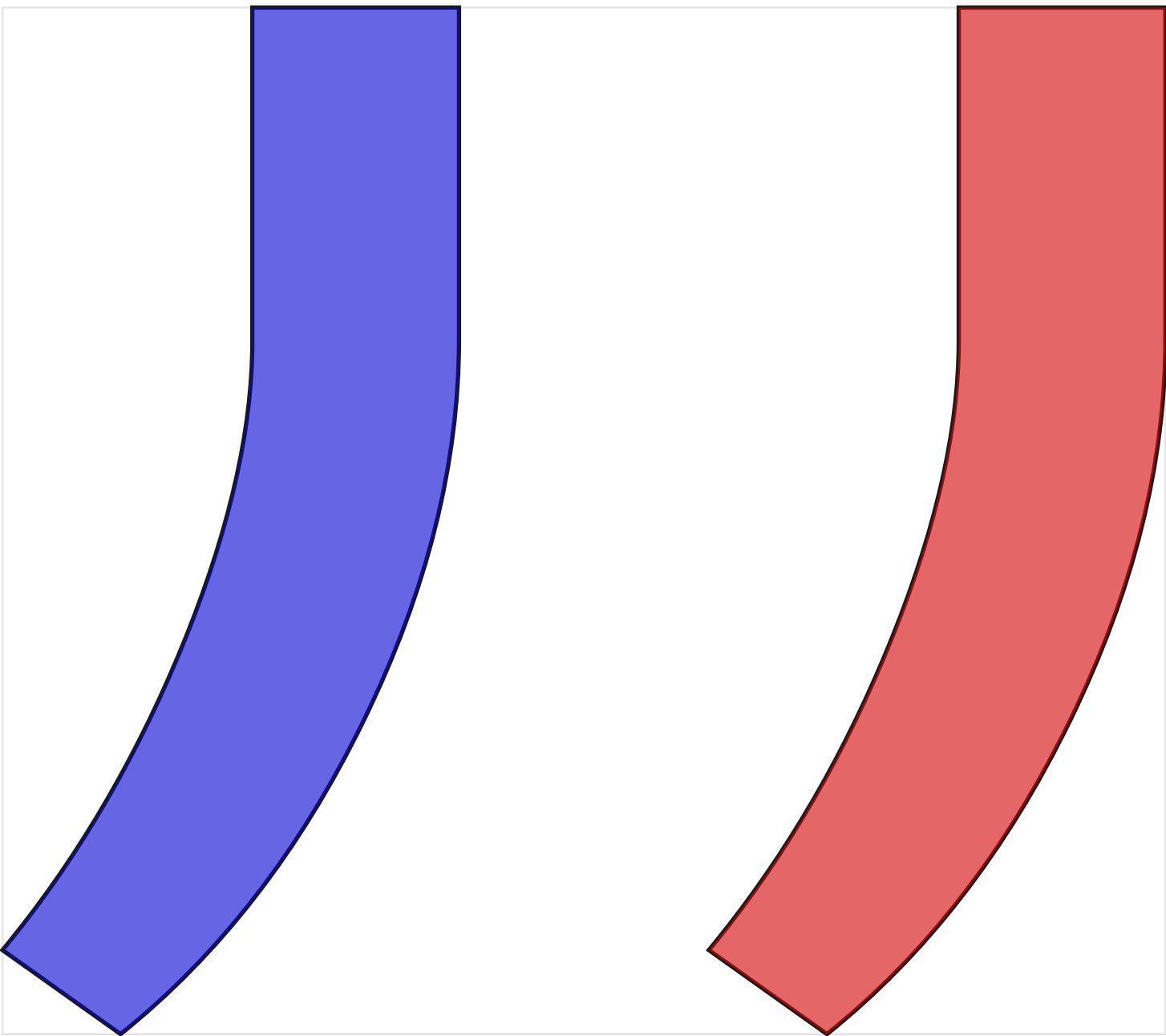
'opsz=8.0 width=25.0'



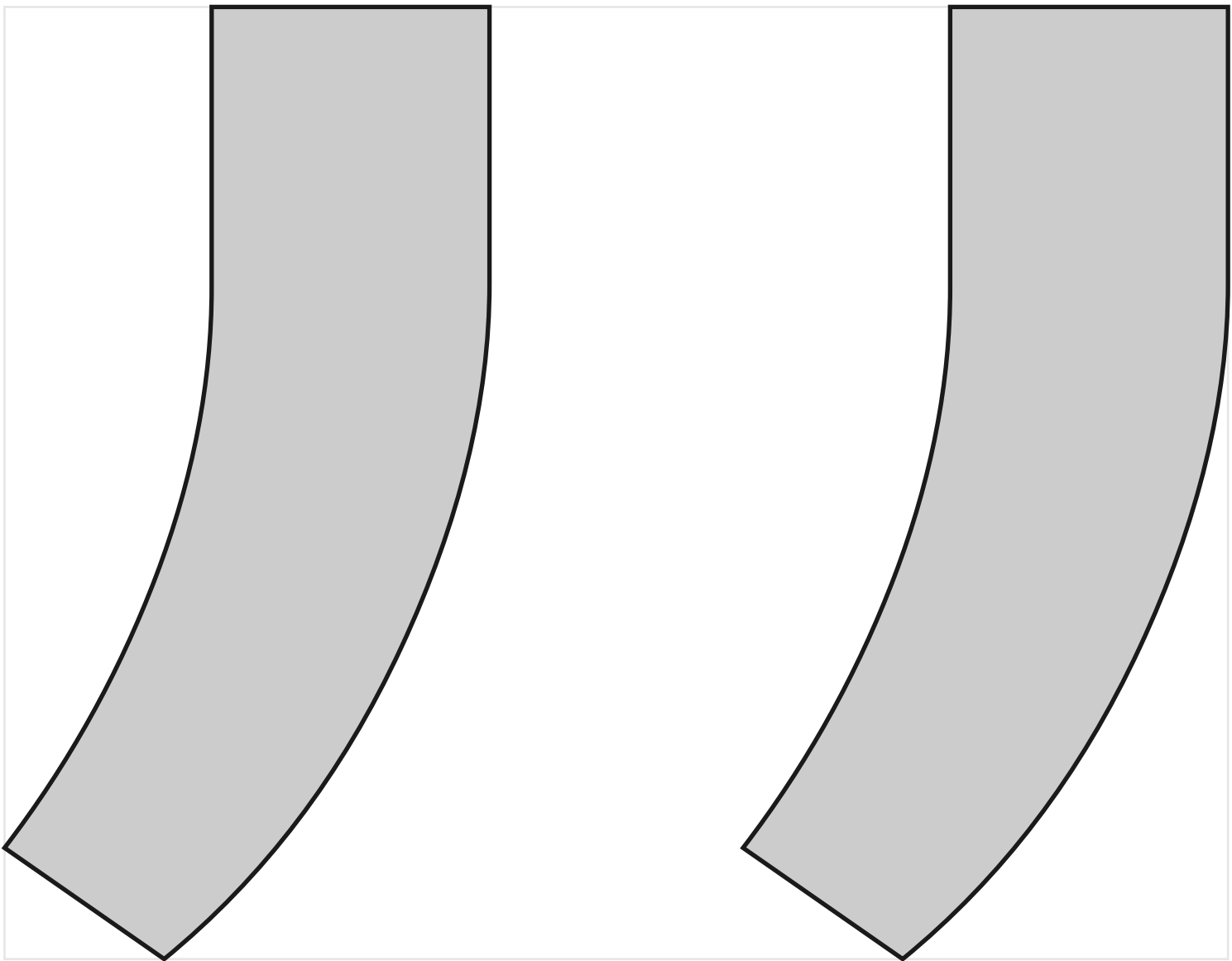
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

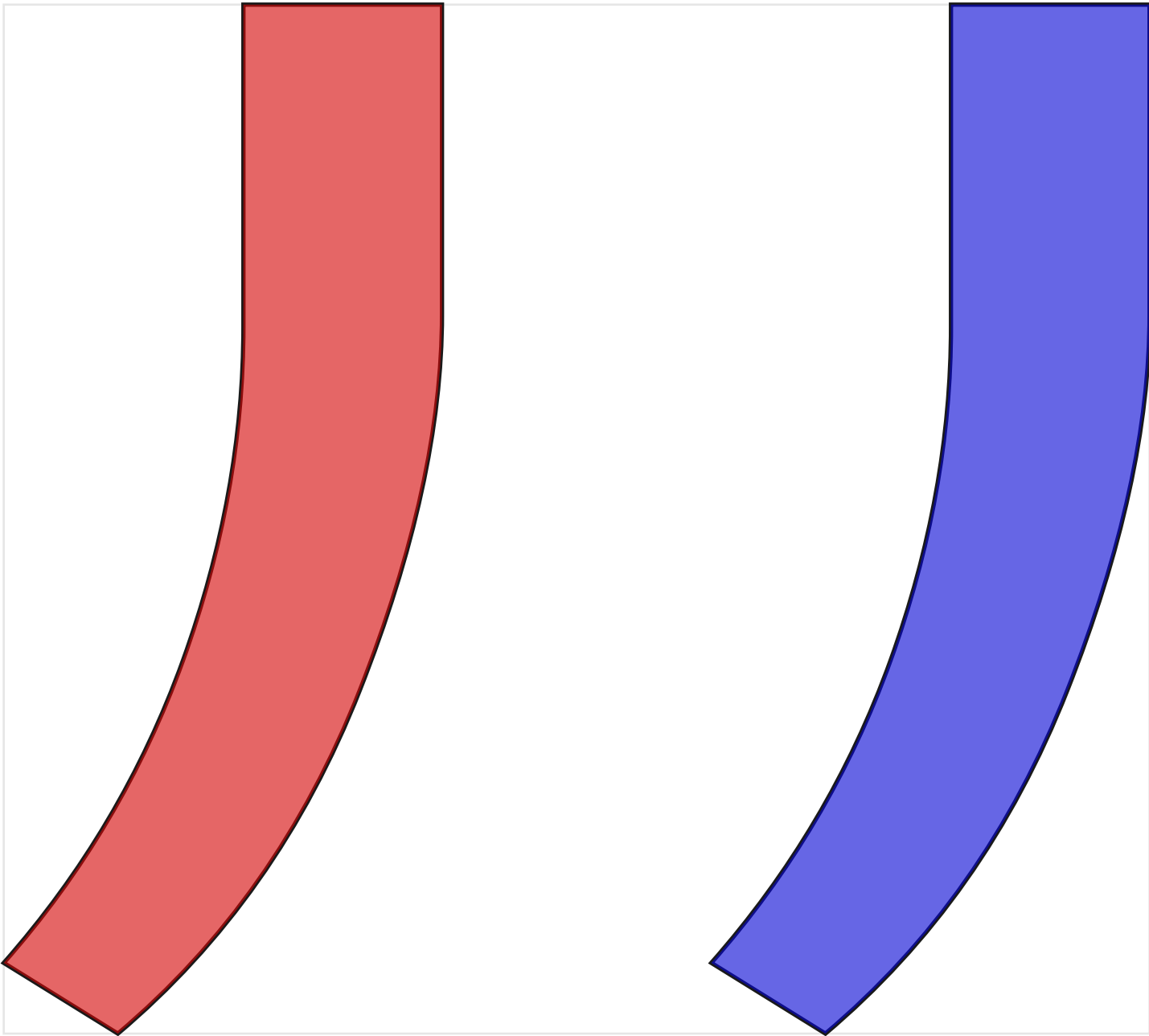


proposed fix

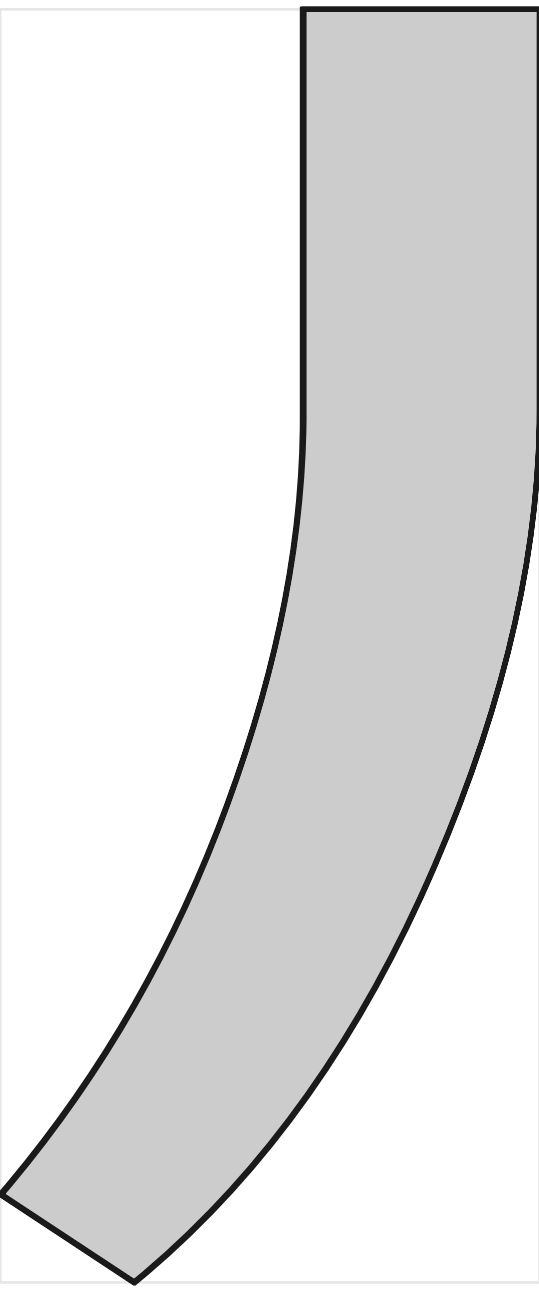


contour\_order

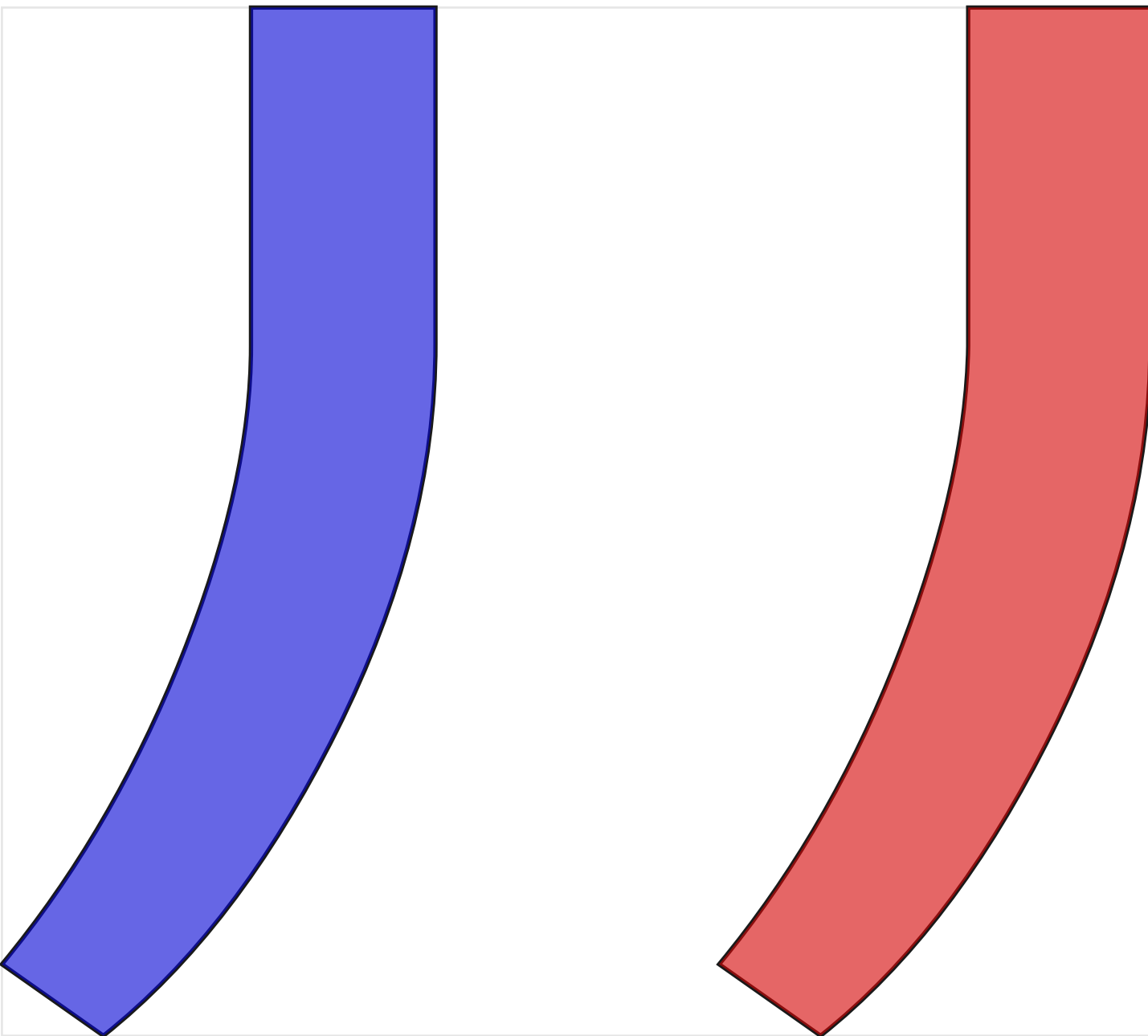
'GRAD=-200.0 opsz=8.0 wght=100.0'



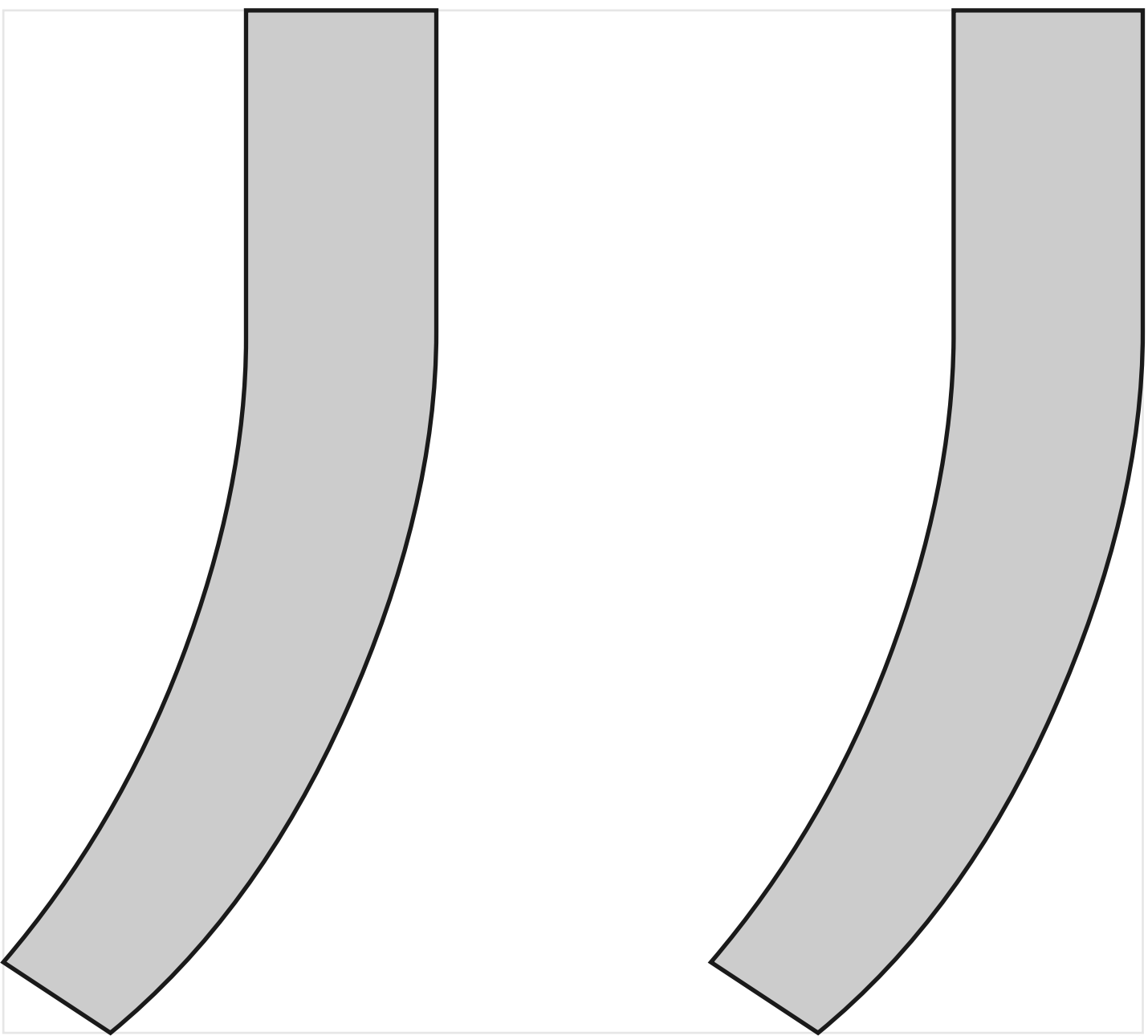
midway interpolation



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

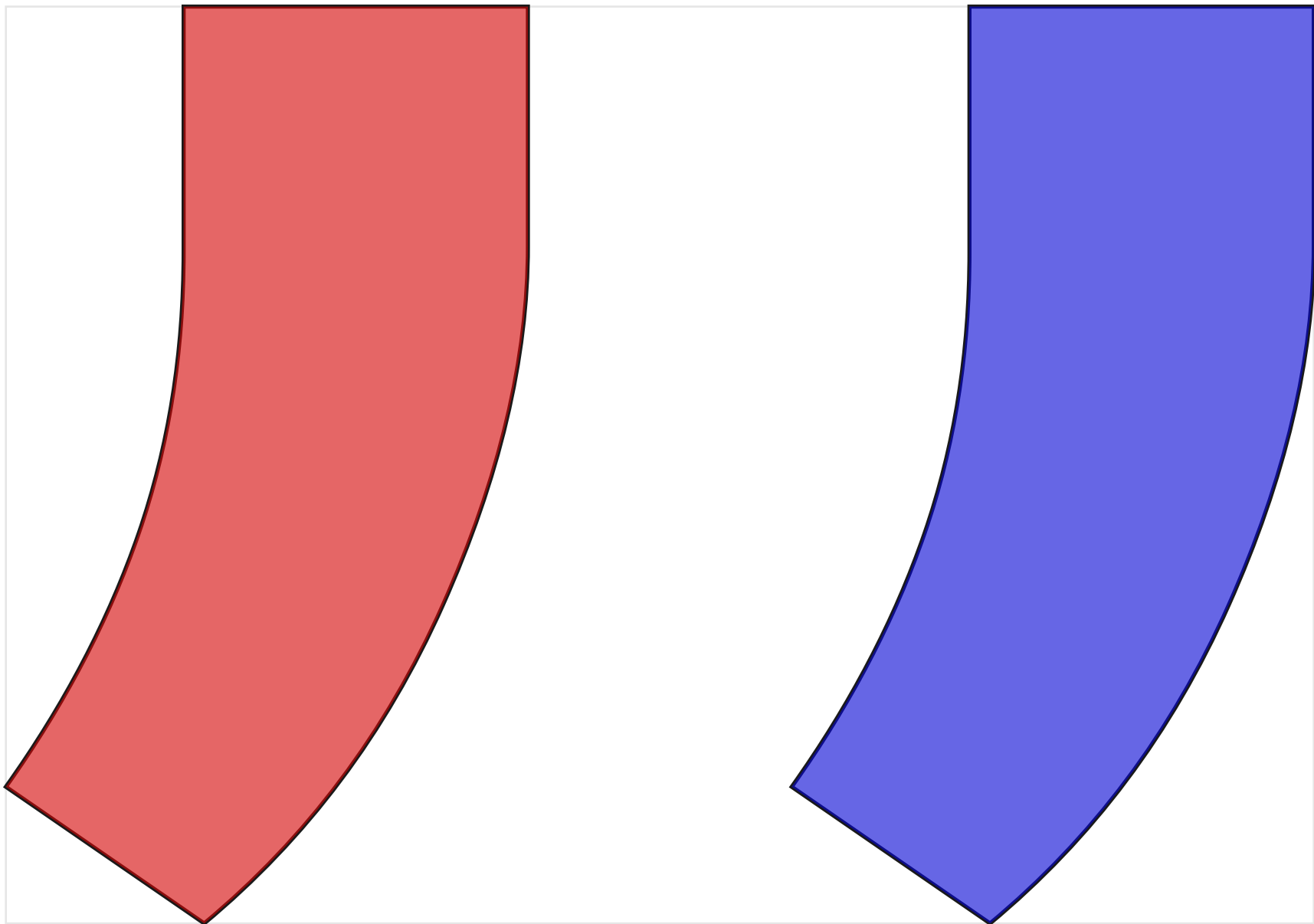


proposed fix

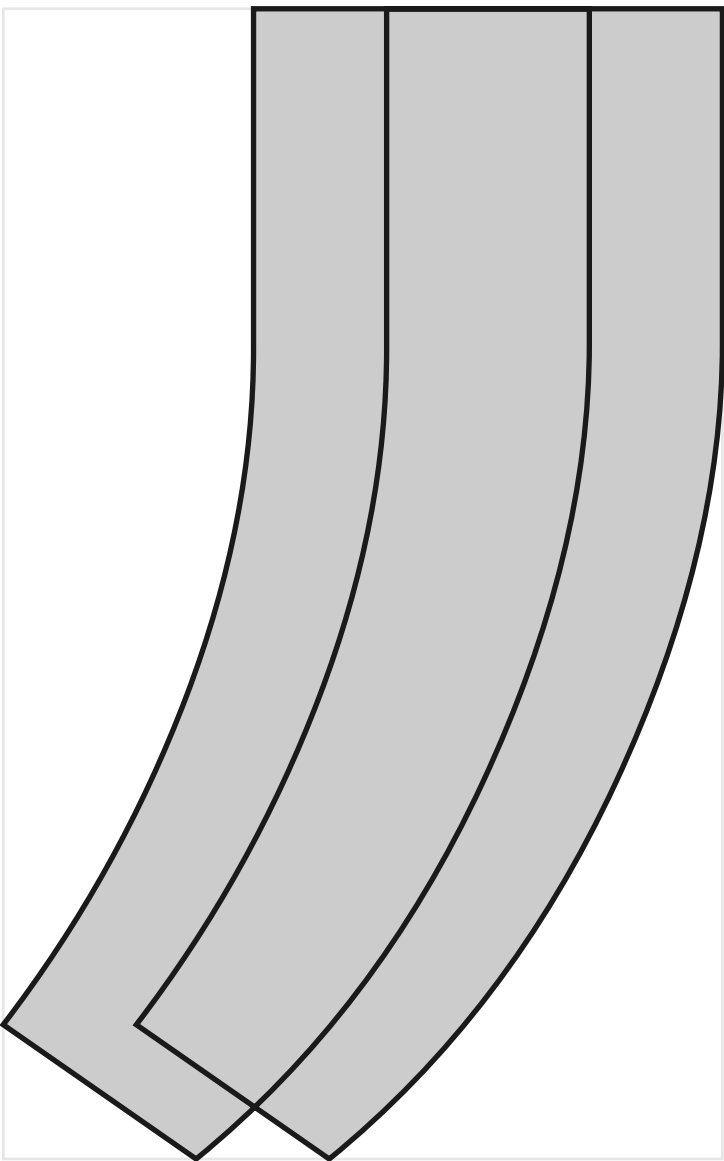


contour\_order

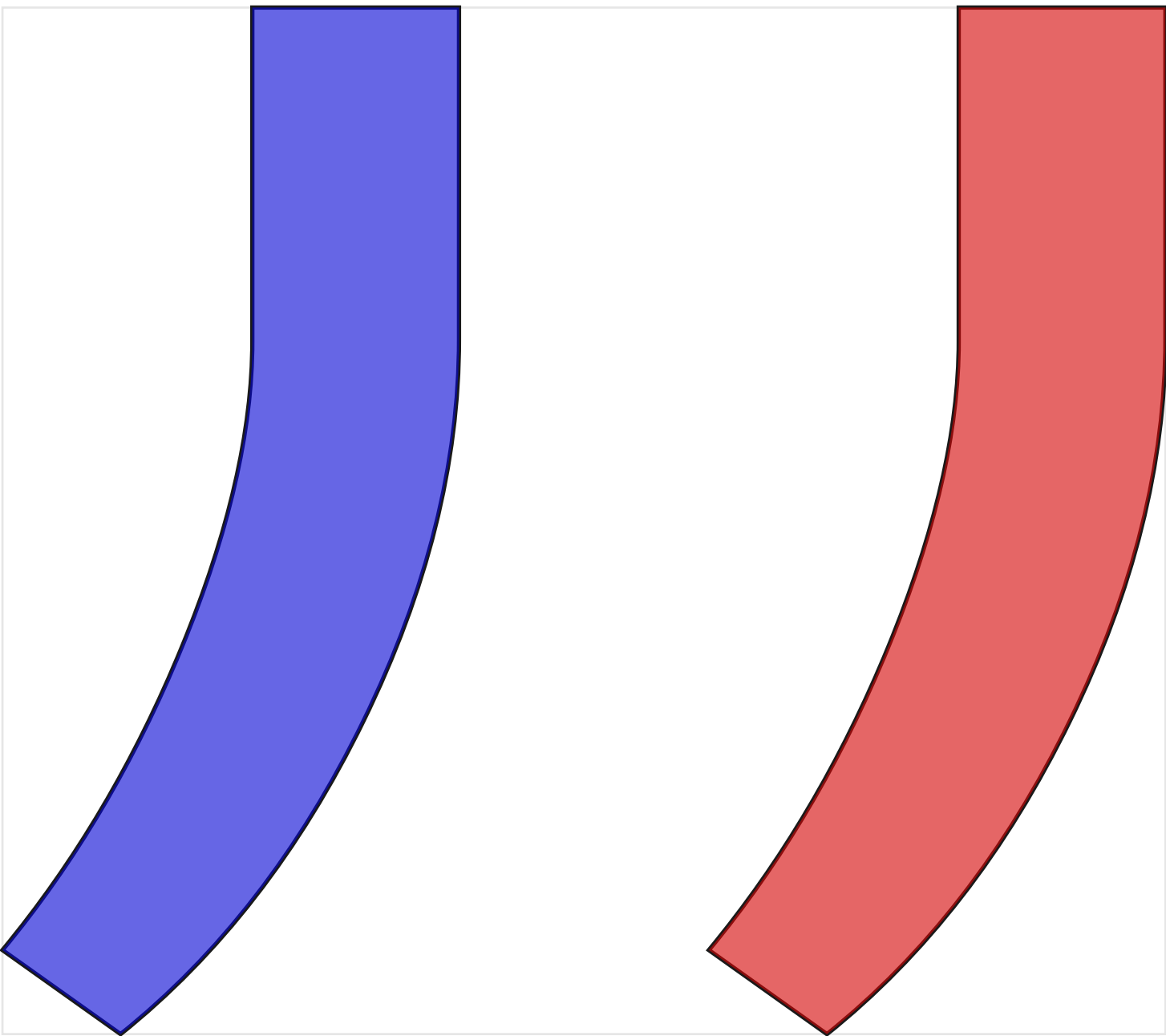
'opsz=8.0 width=25.0'



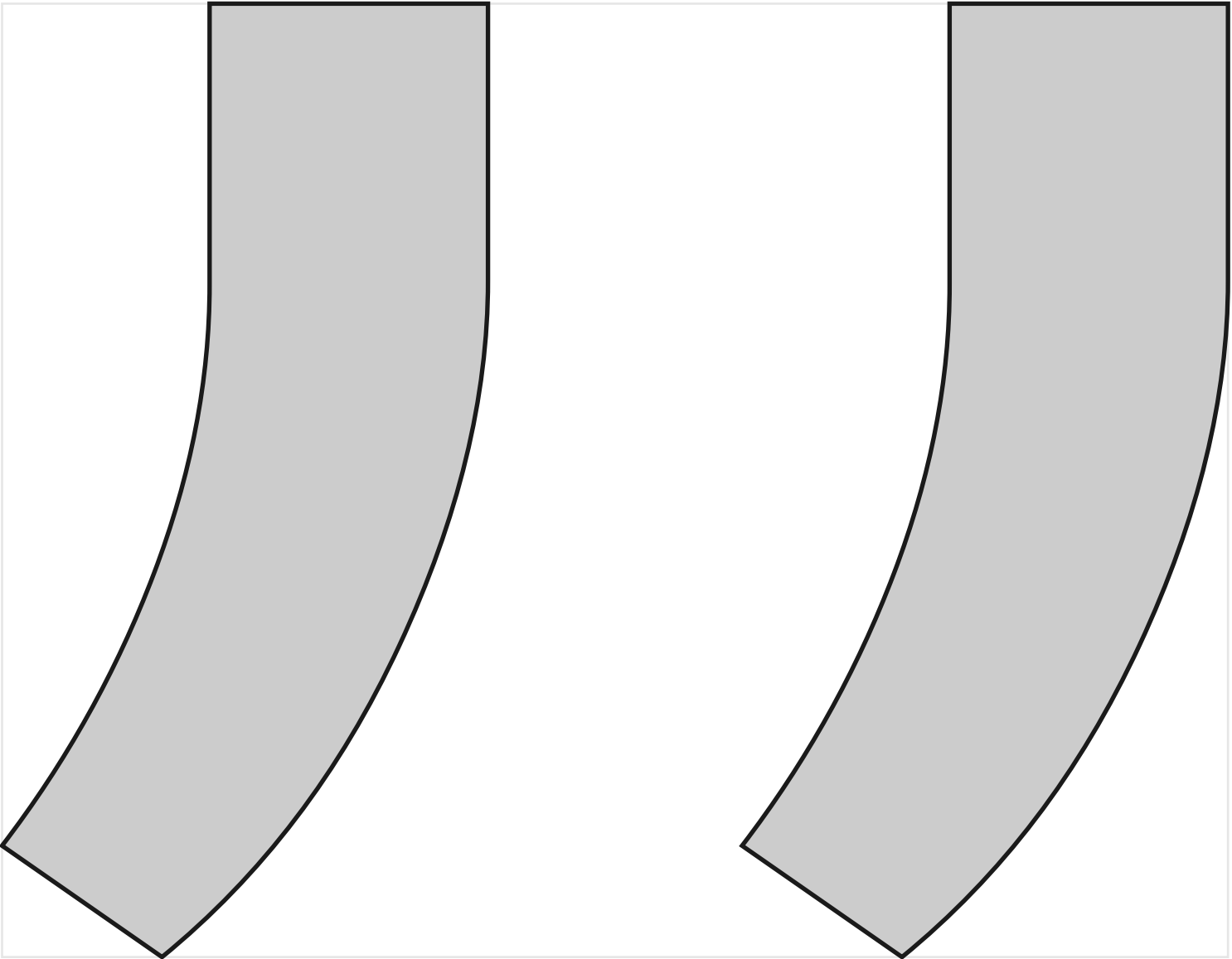
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

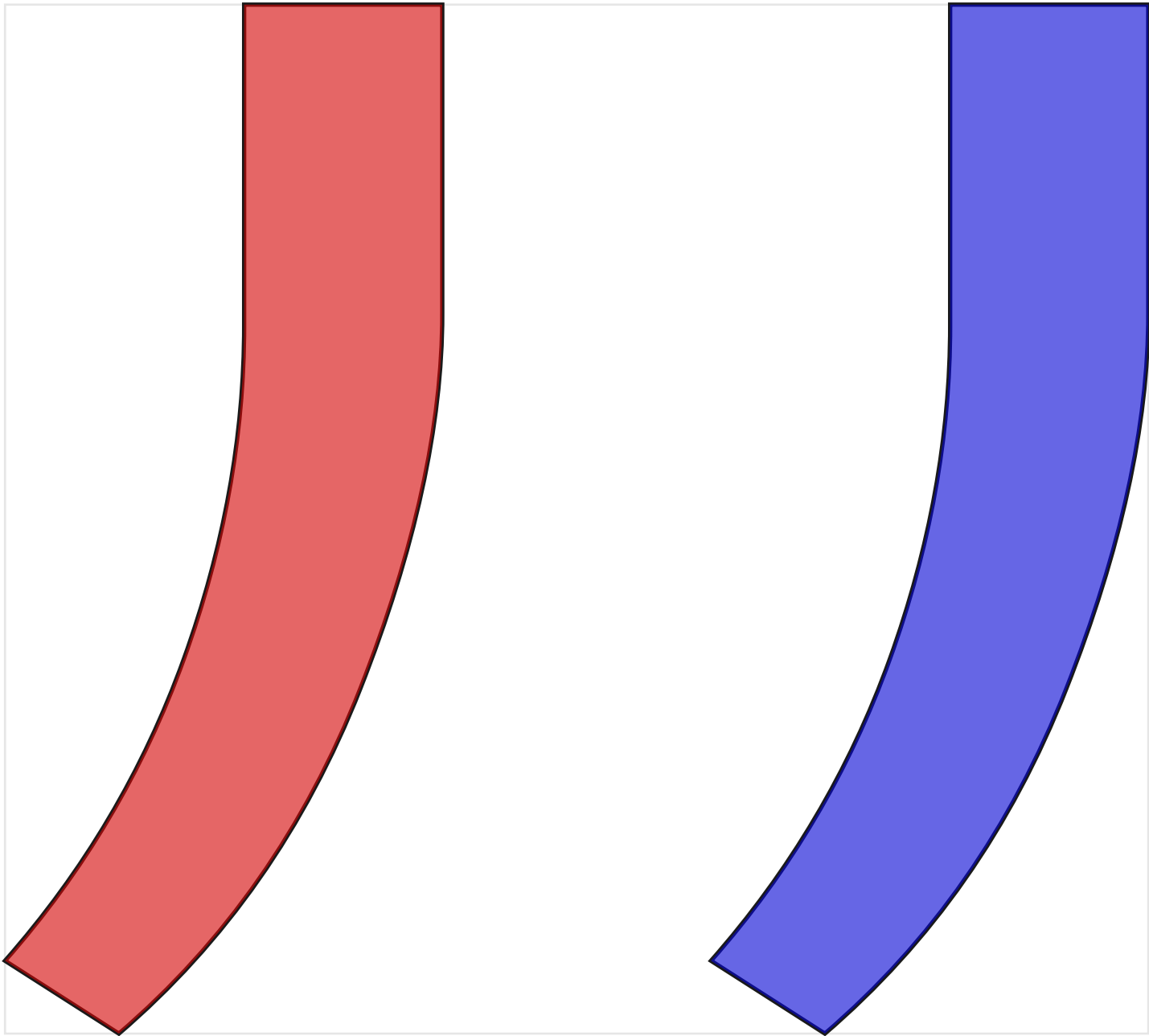


proposed fix

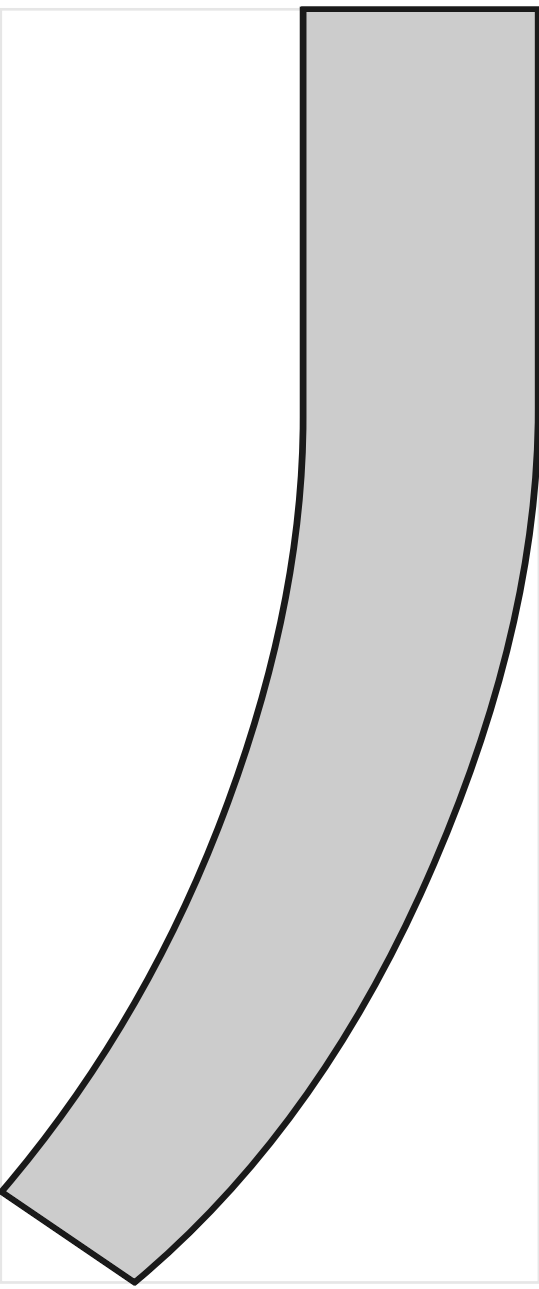


contour\_order

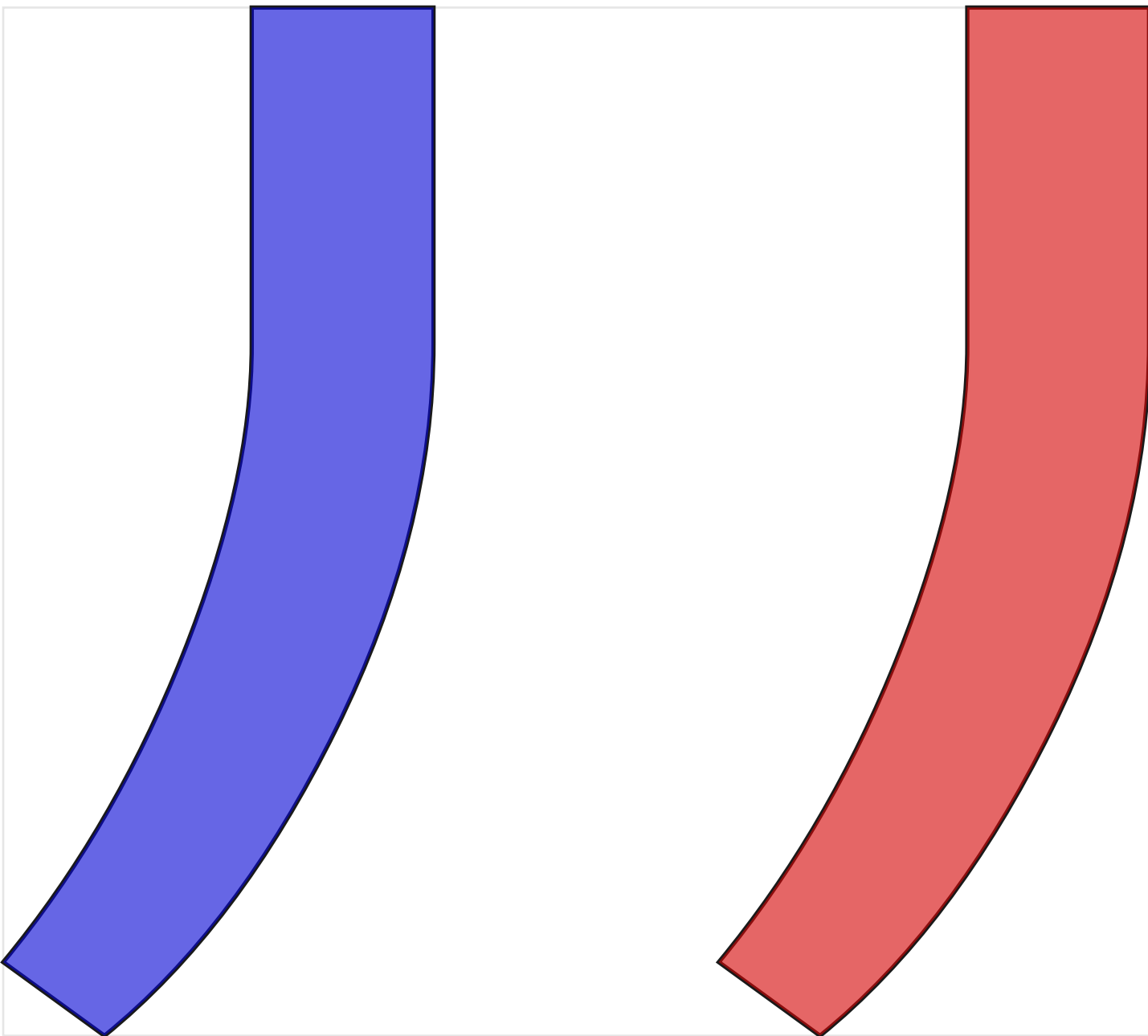
'GRAD=-200.0 opsz=8.0 wght=100.0'



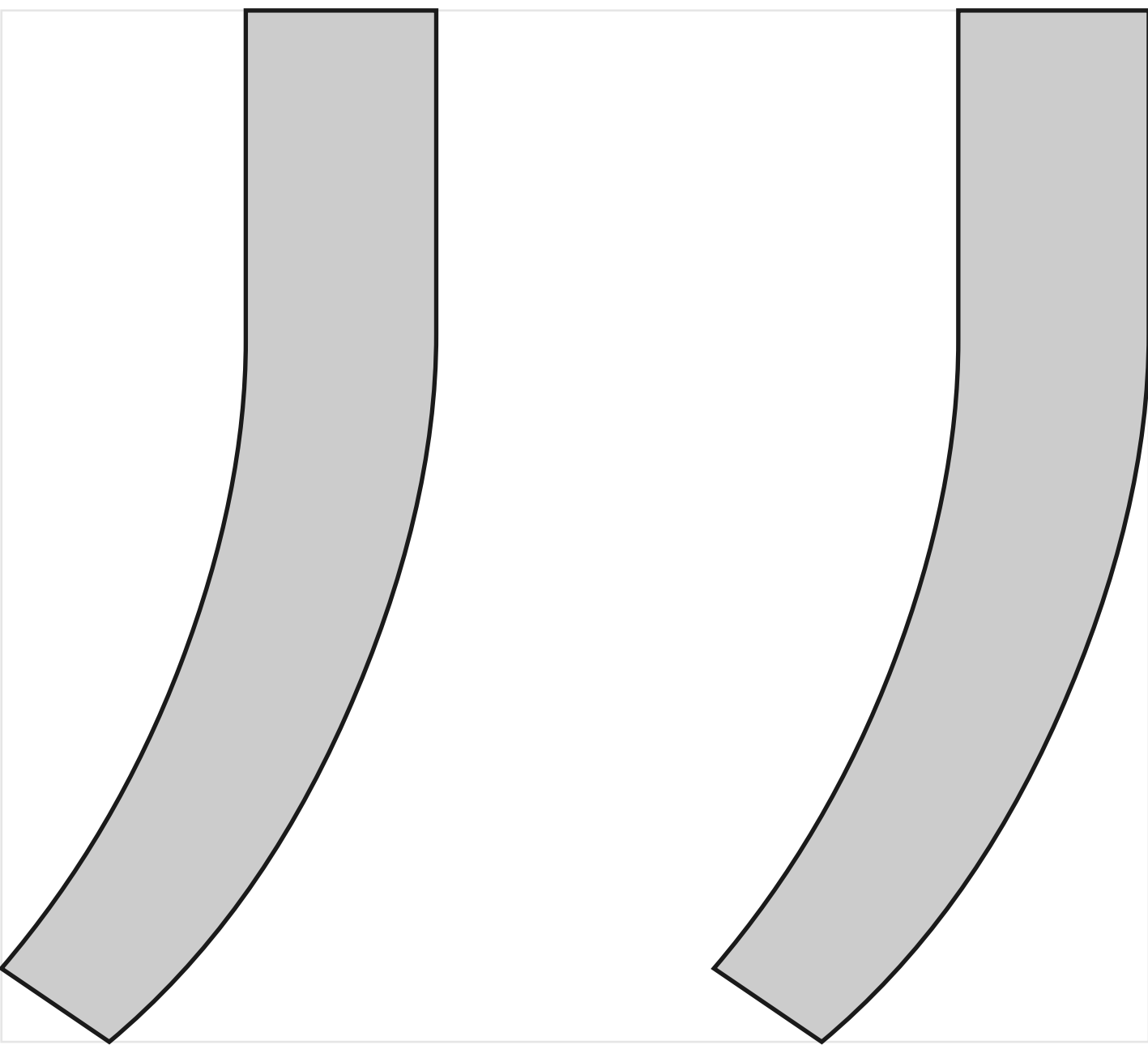
midway interpolation



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

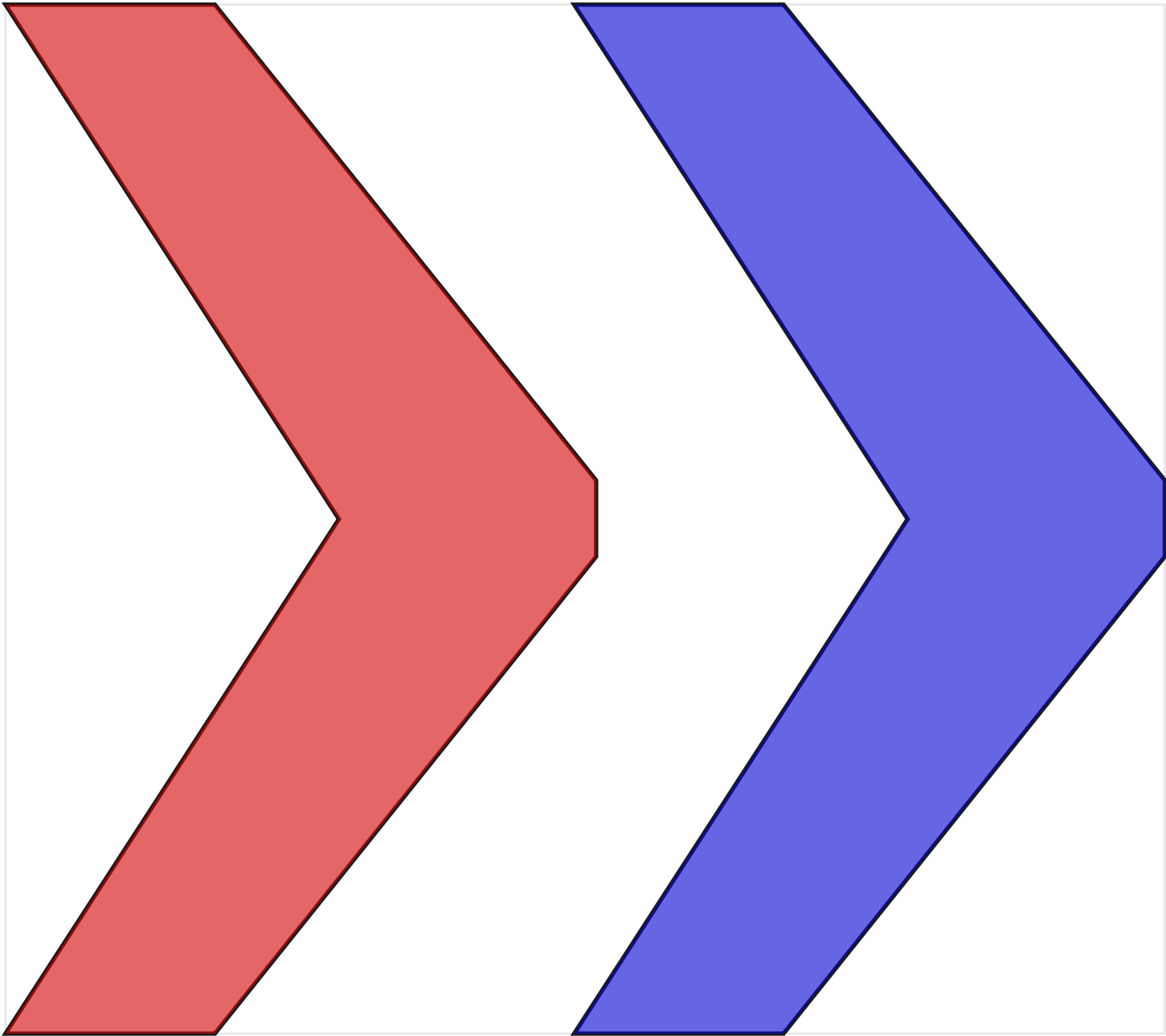


proposed fix



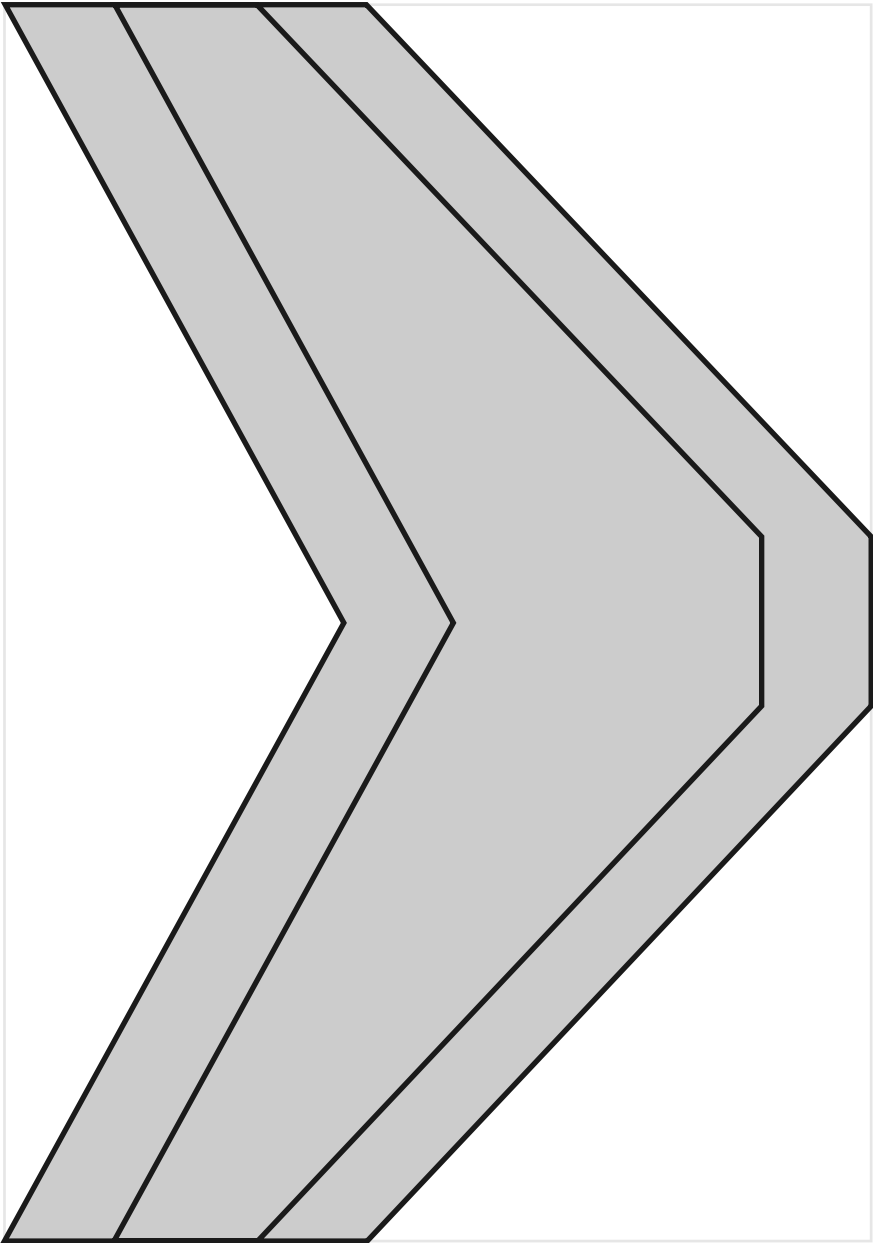
contour\_order

”

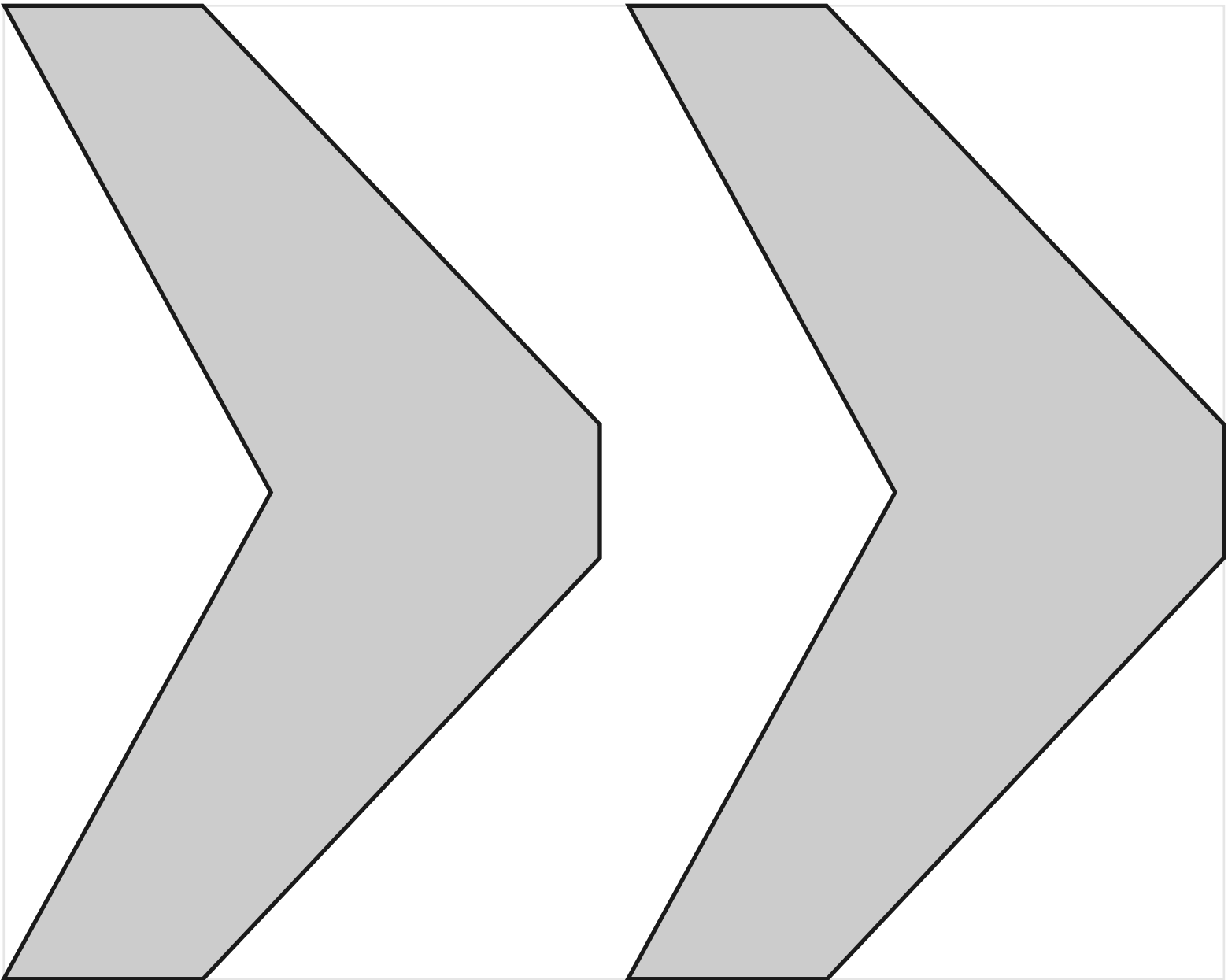
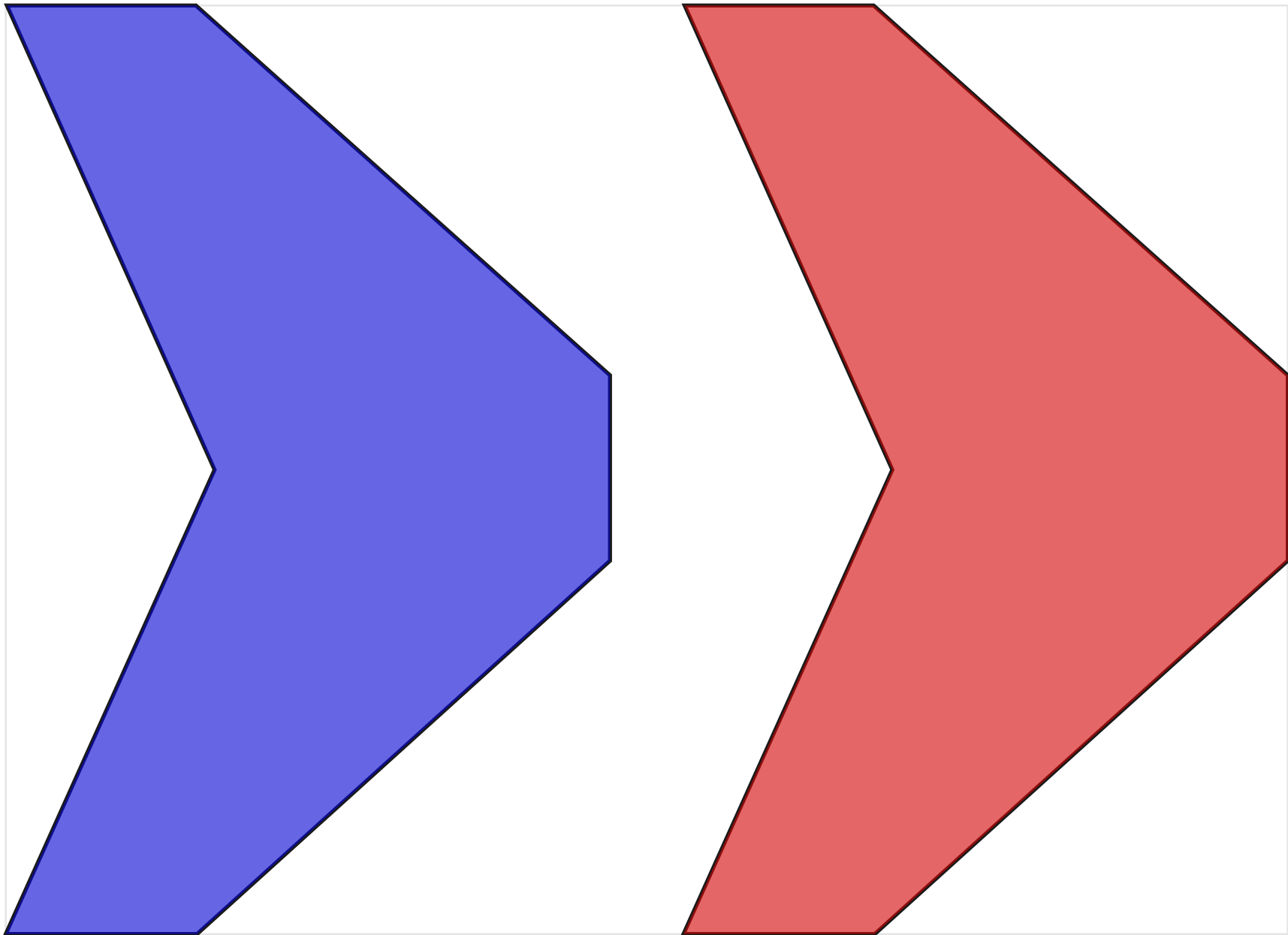


'XOPQ=175.0'

midway interpolation

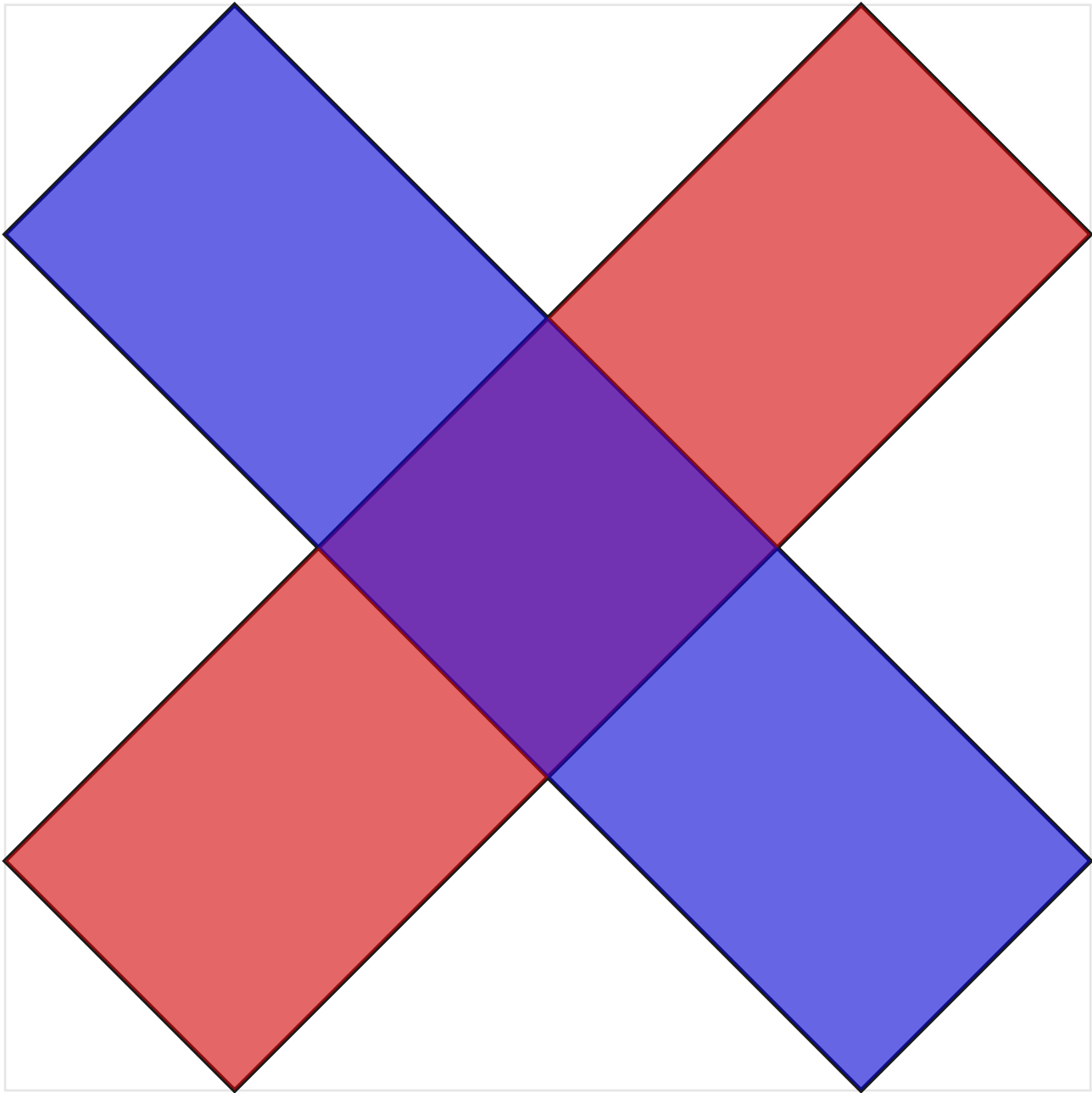


proposed fix

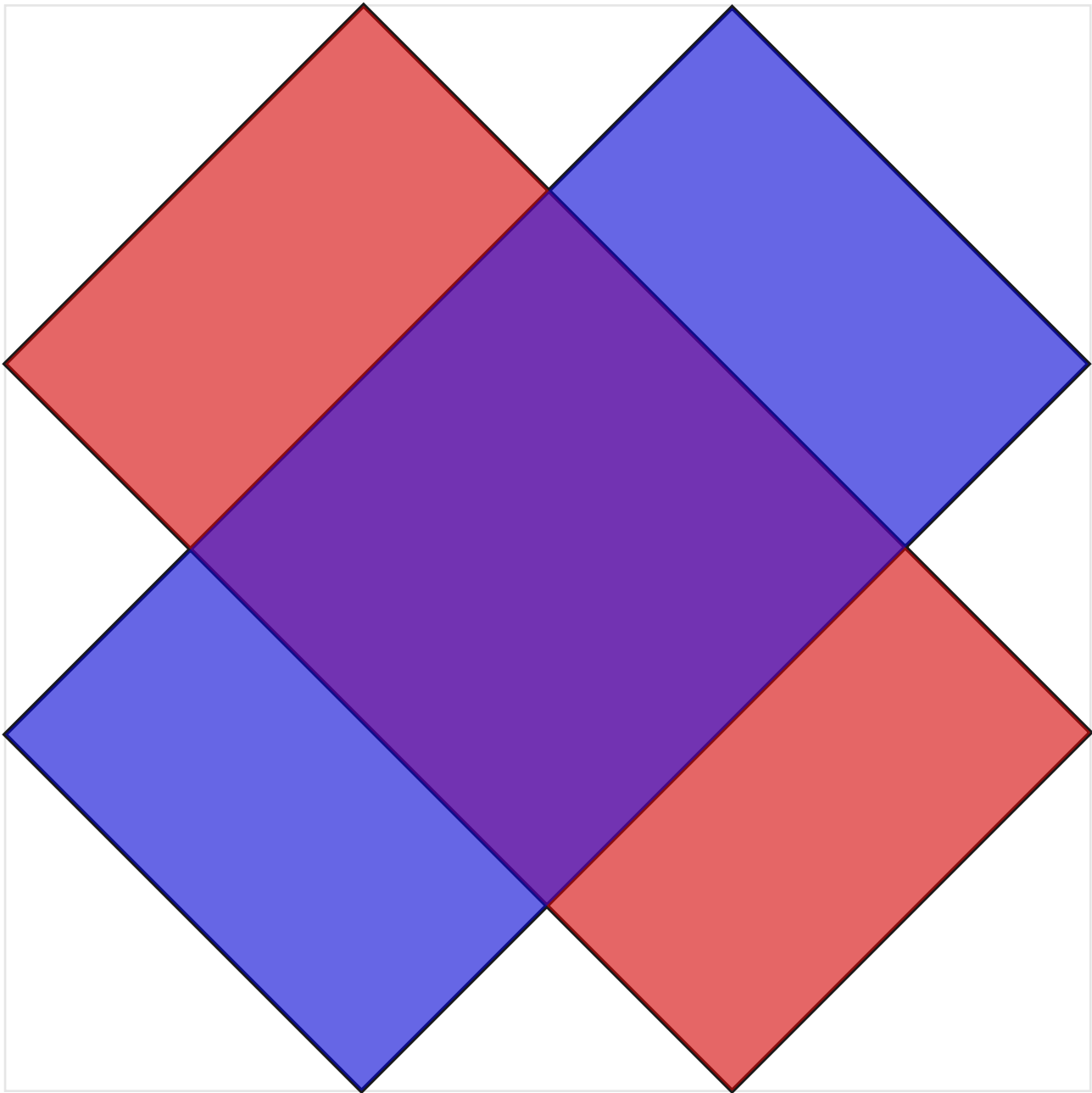


contour\_order

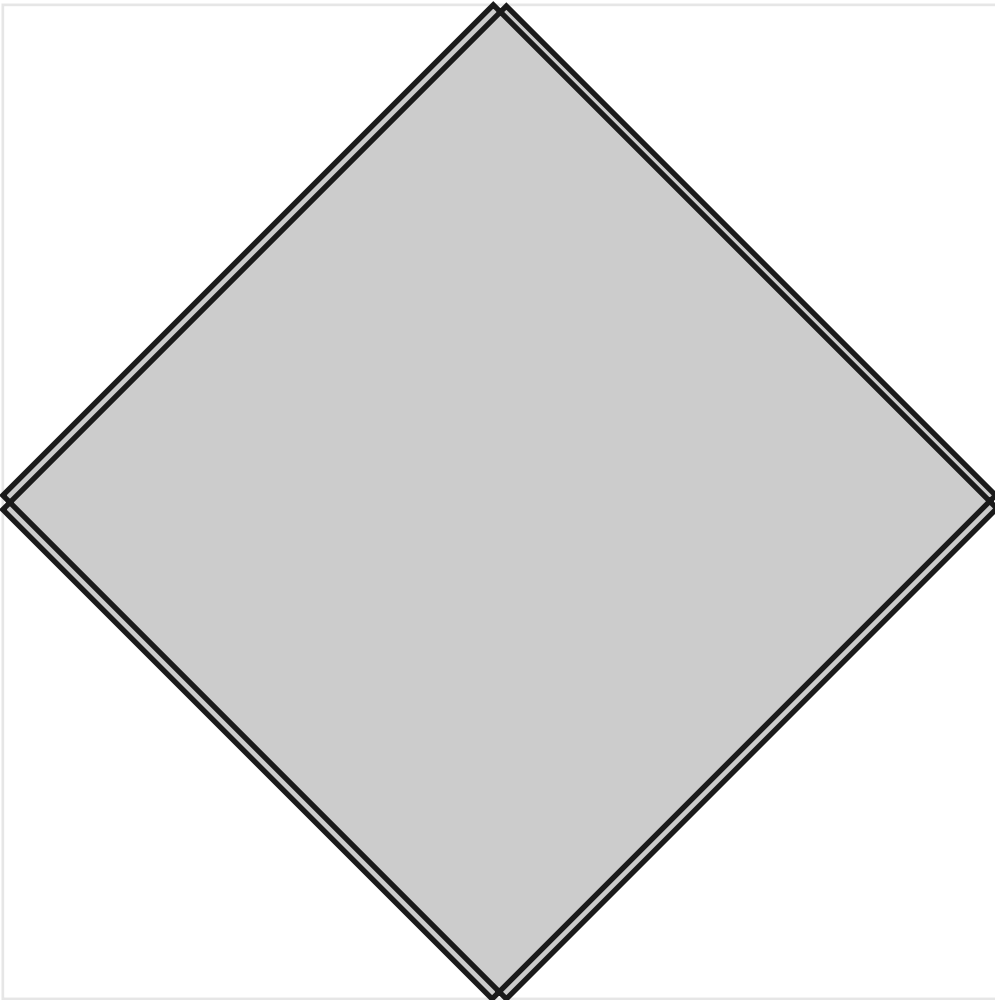
'opsz=144.0 width=25.0'



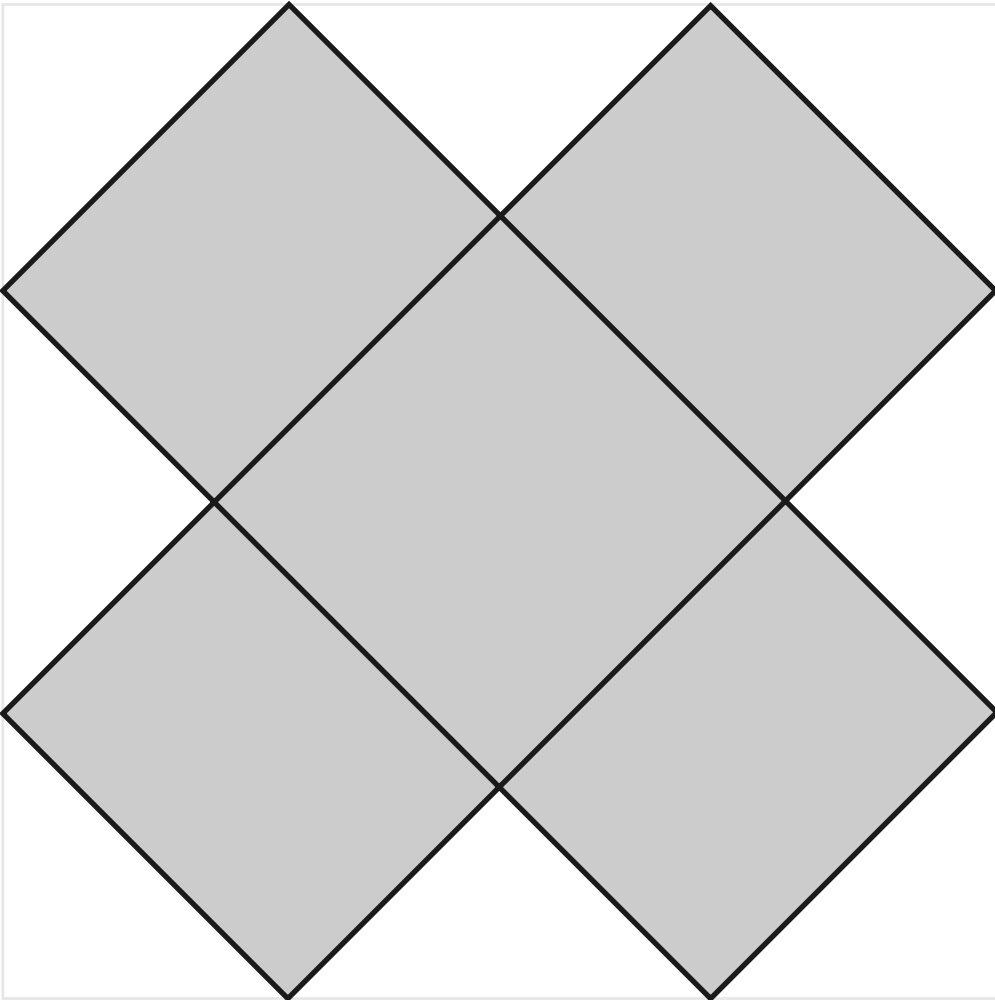
'opsz=144.0 width=25.0 wght=1000.0'



midway interpolation

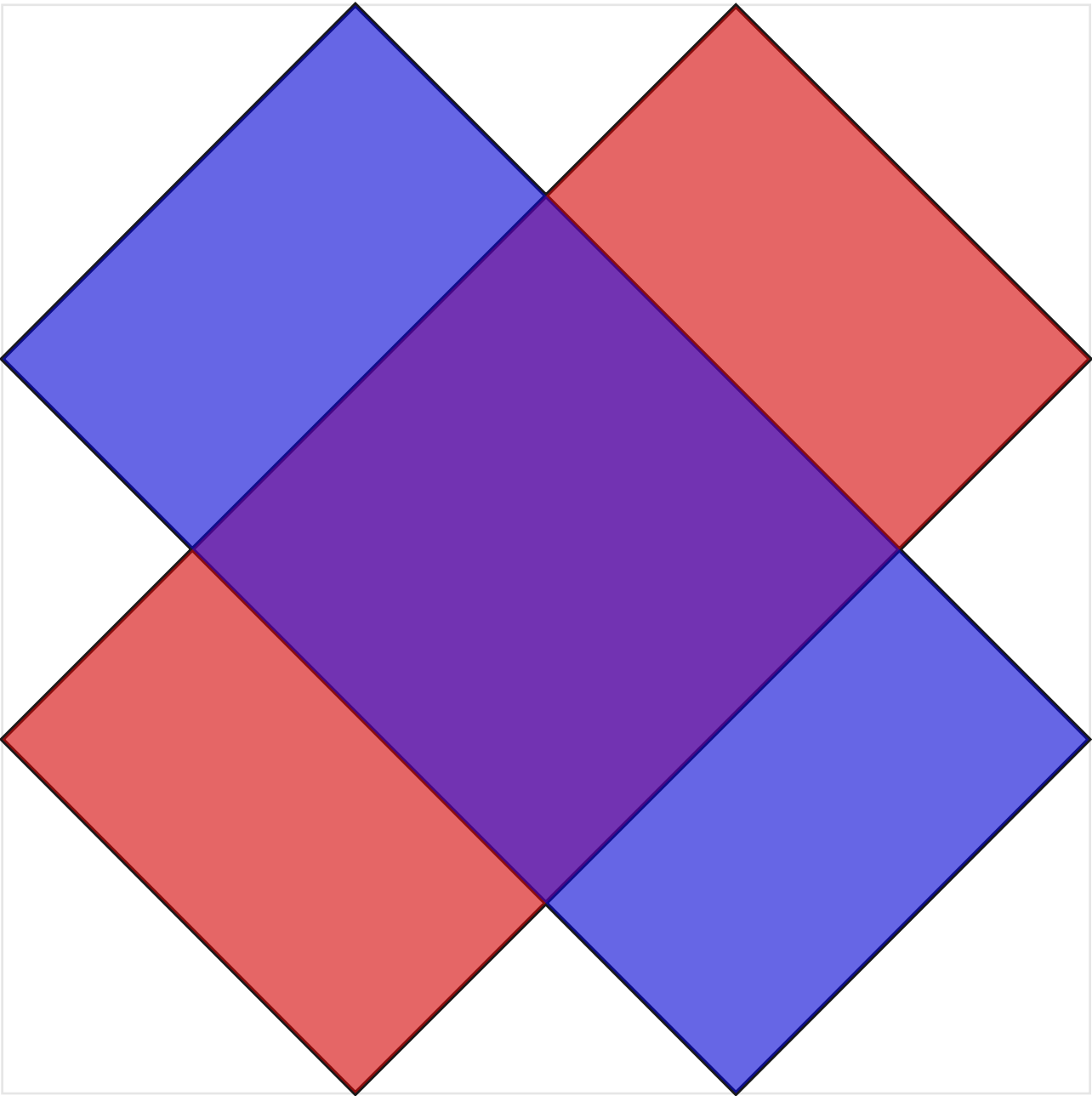


proposed fix

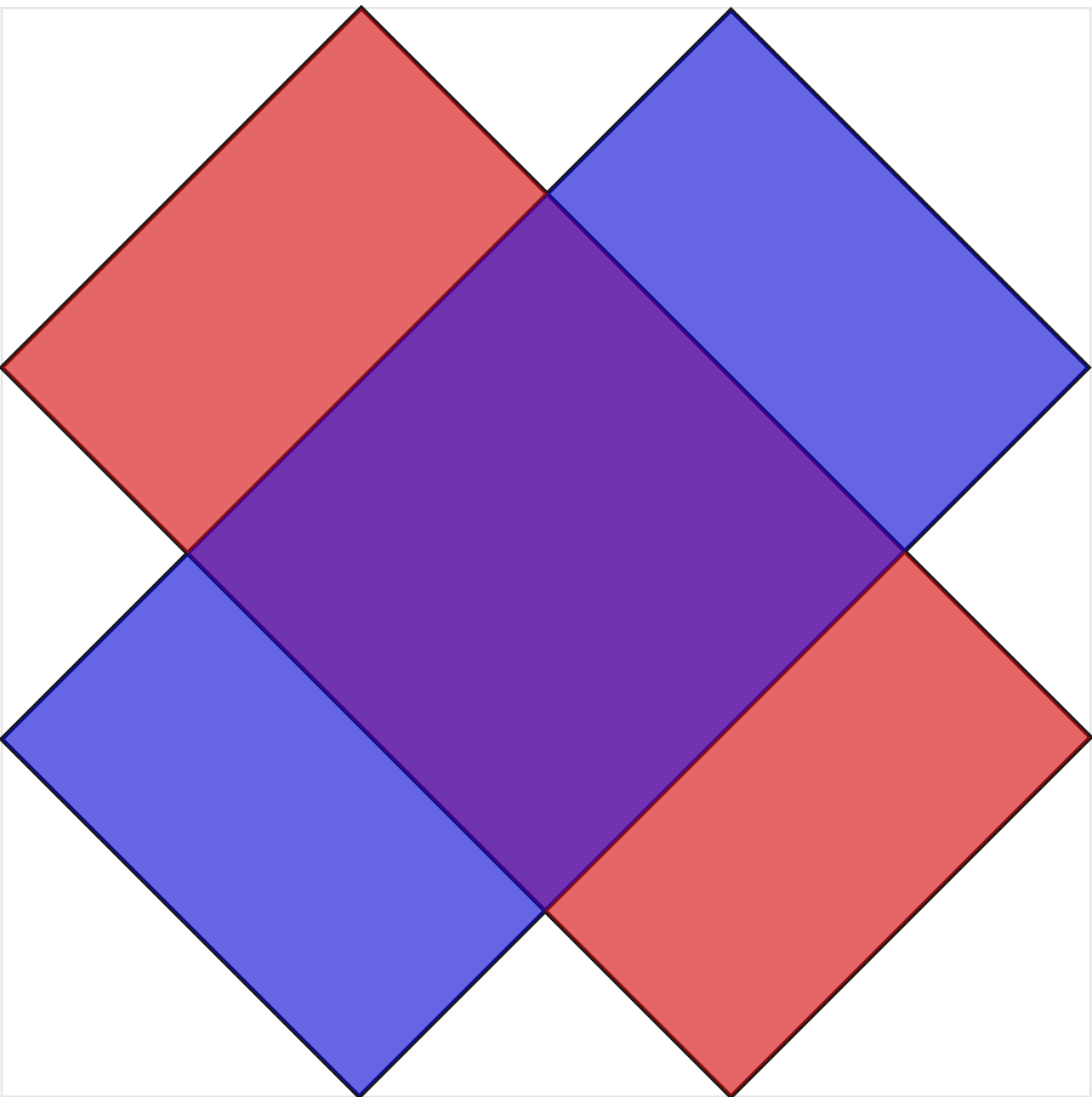


contour\_order

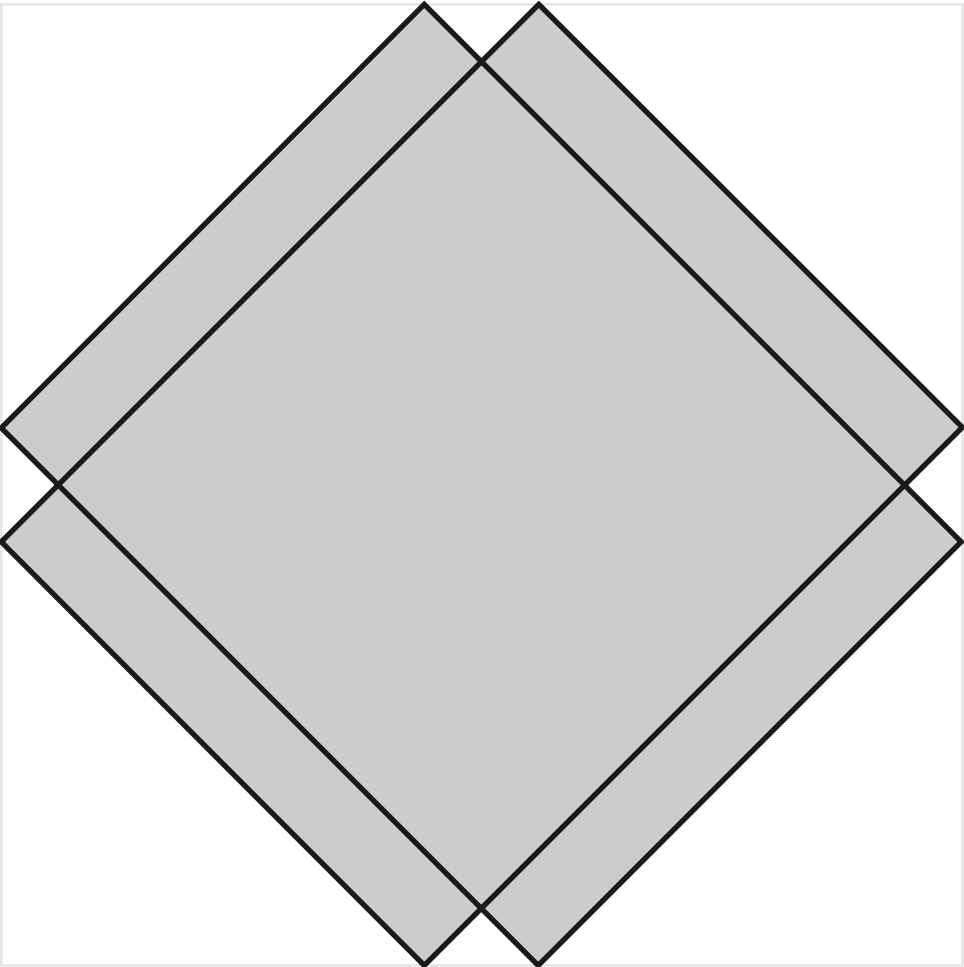
'GRAD=150.0 opsz=144.0 wght=1000.0'



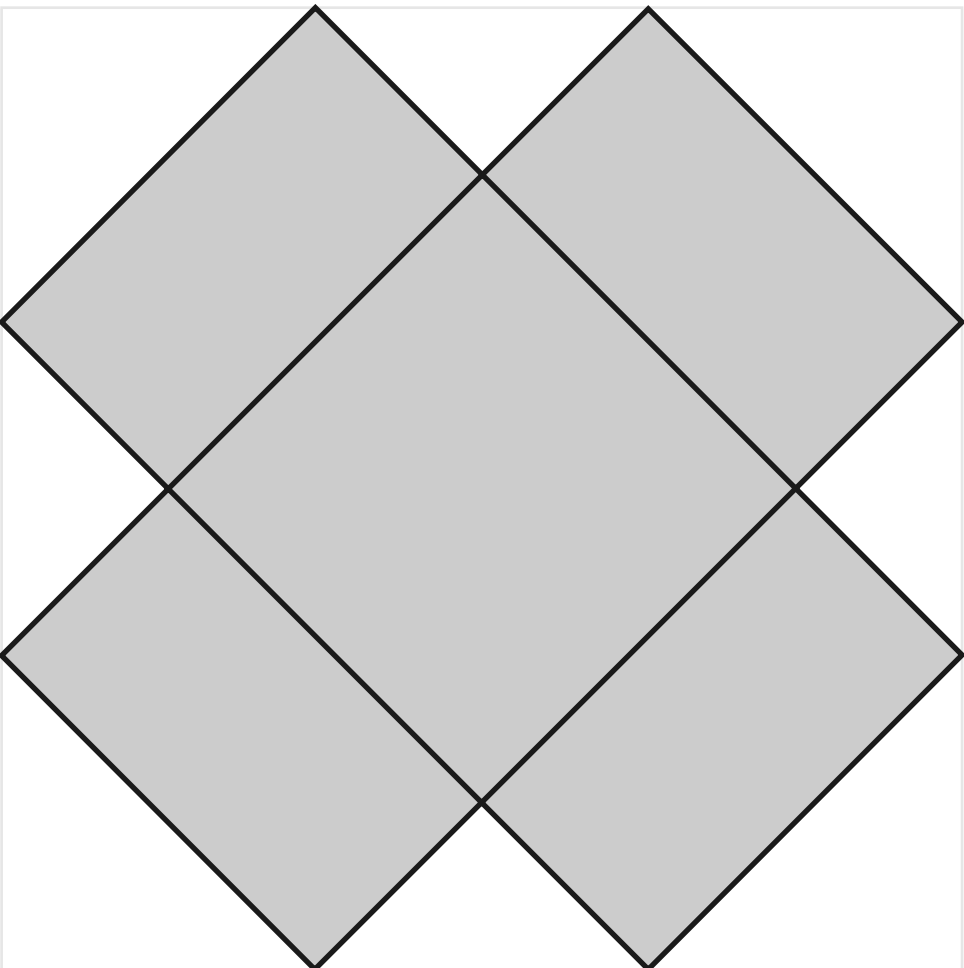
'GRAD=150.0 opsz=144.0 width=25.0 wght=1000.0'



midway interpolation



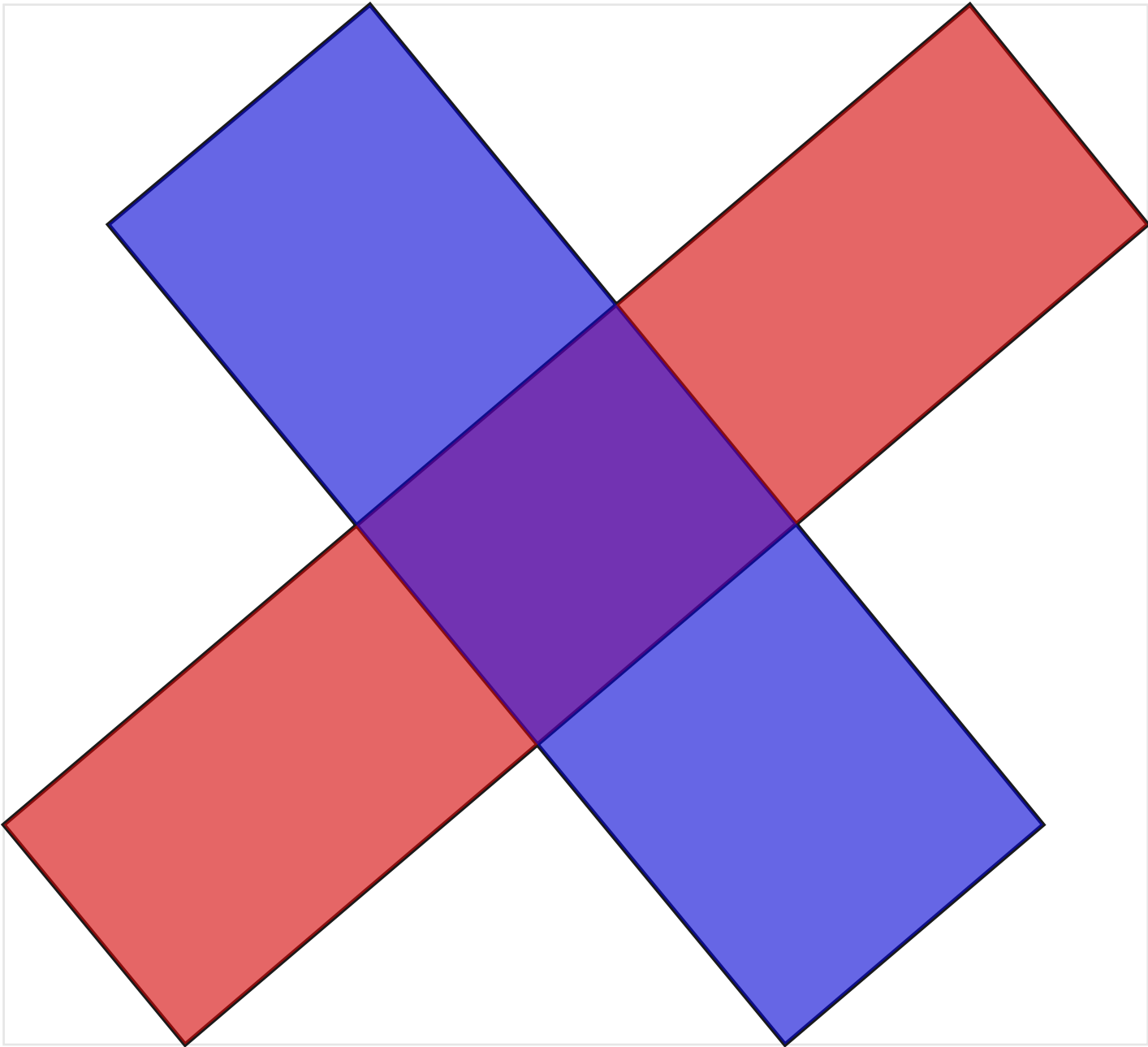
proposed fix



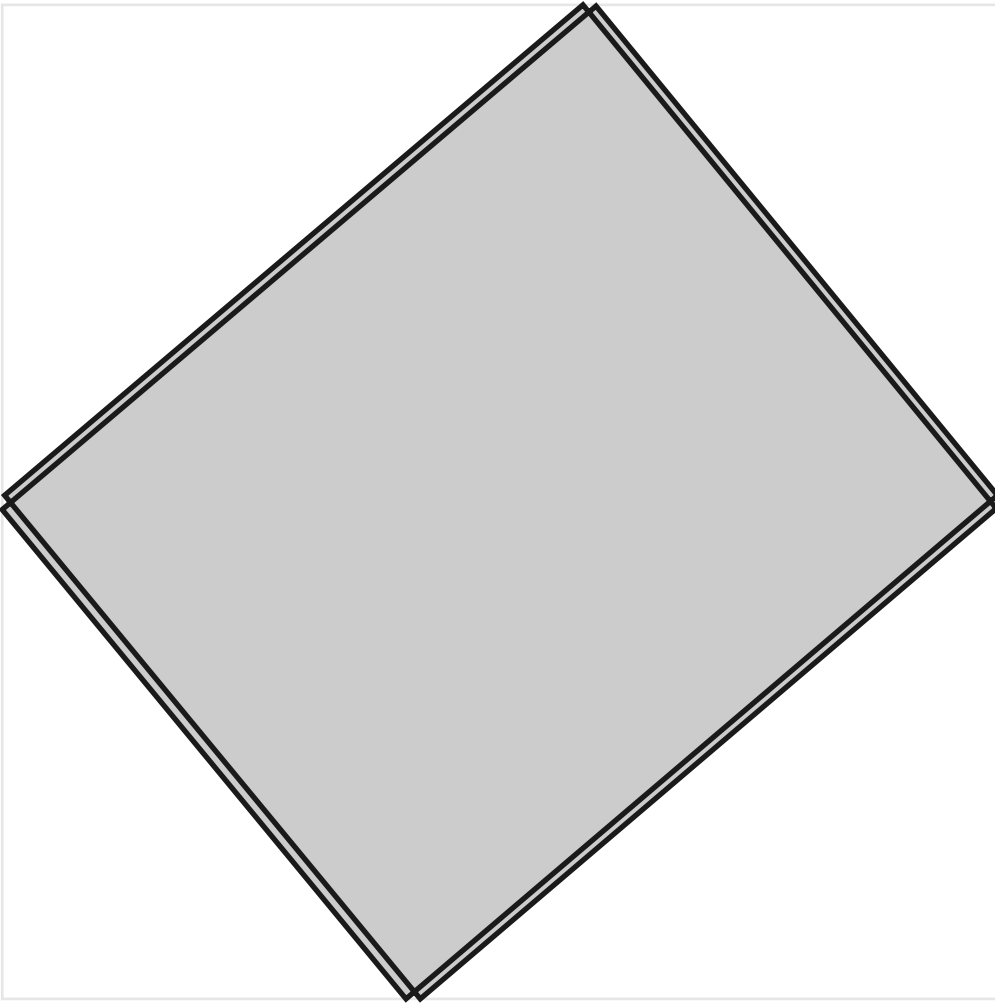


contour\_order

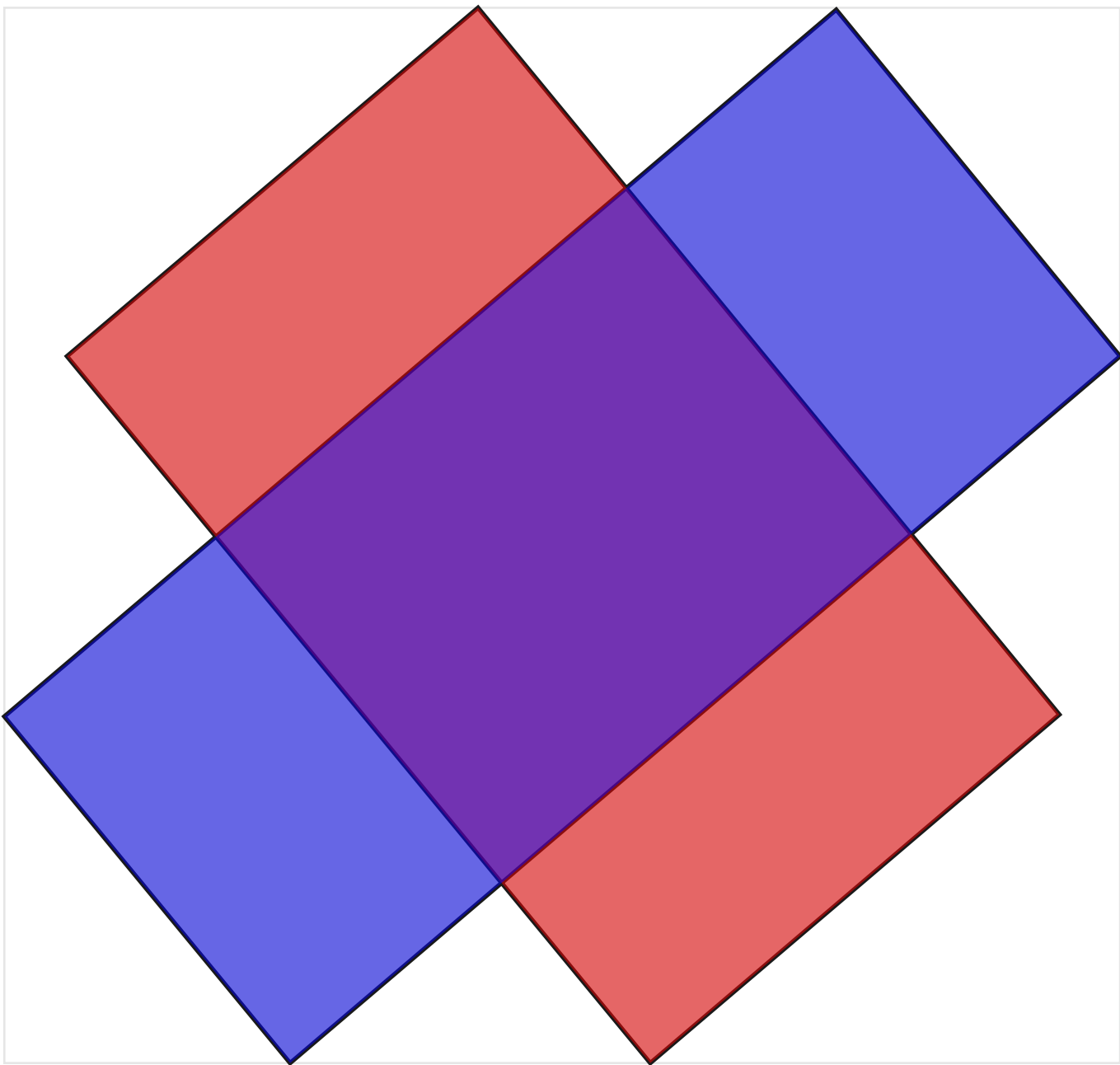
'opsz=144.0 slnt=-10.0 width=25.0'



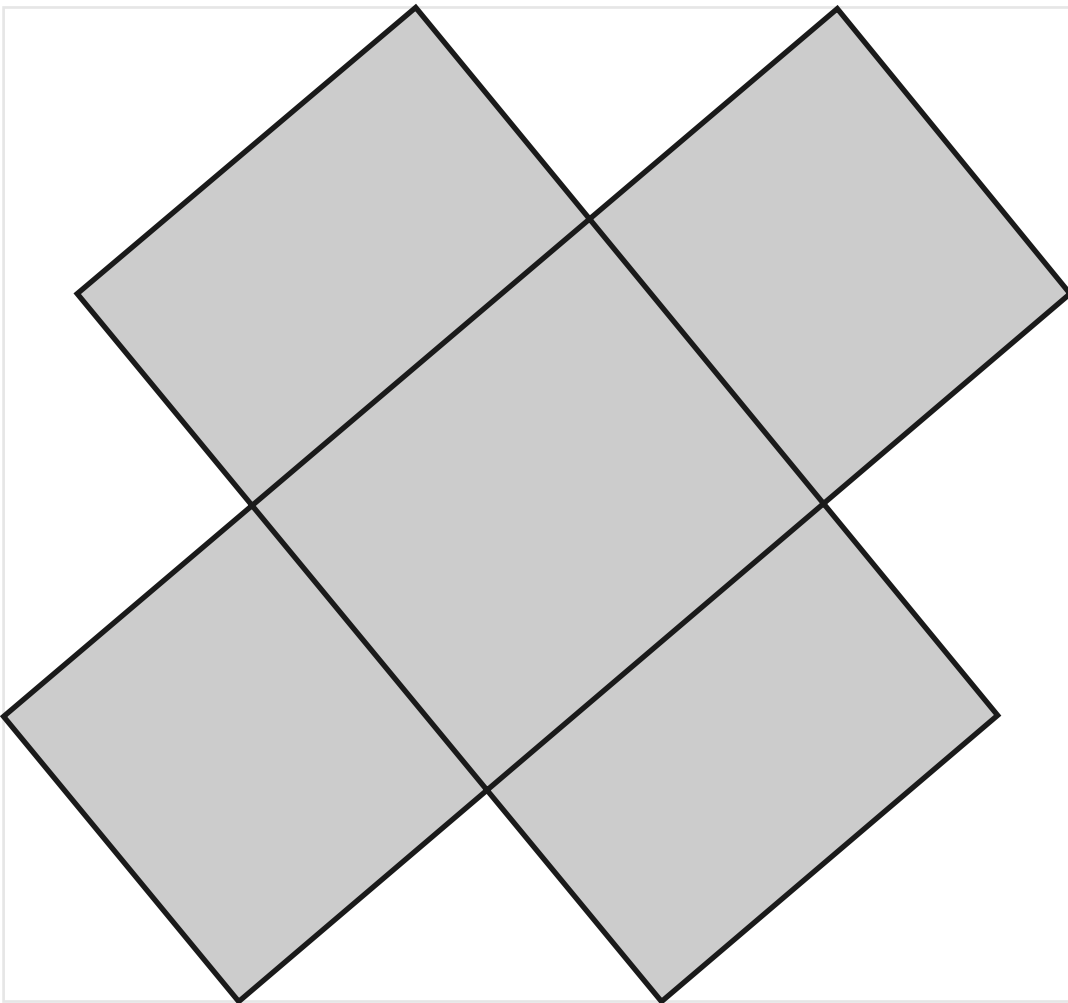
midway interpolation



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

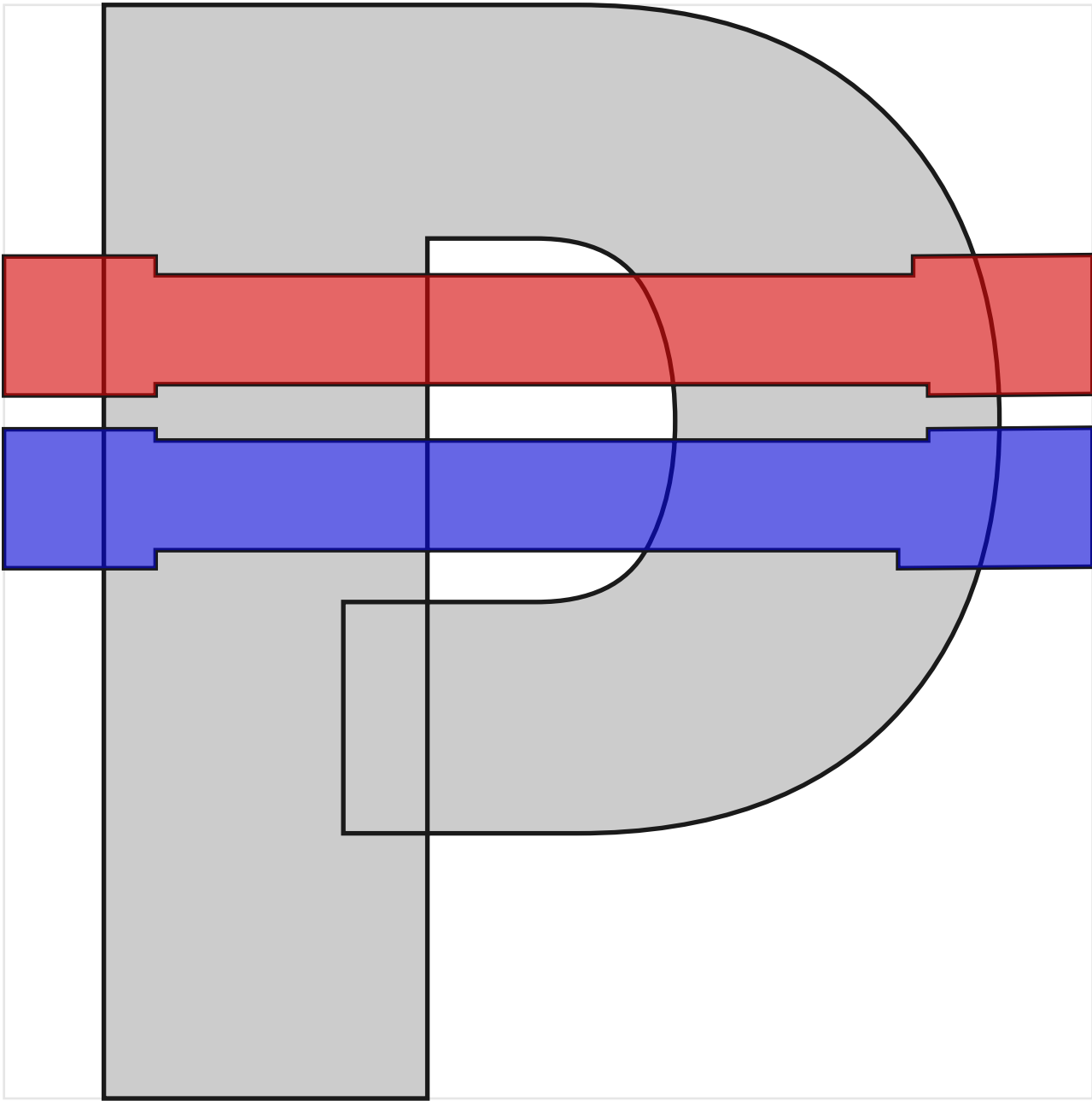


proposed fix

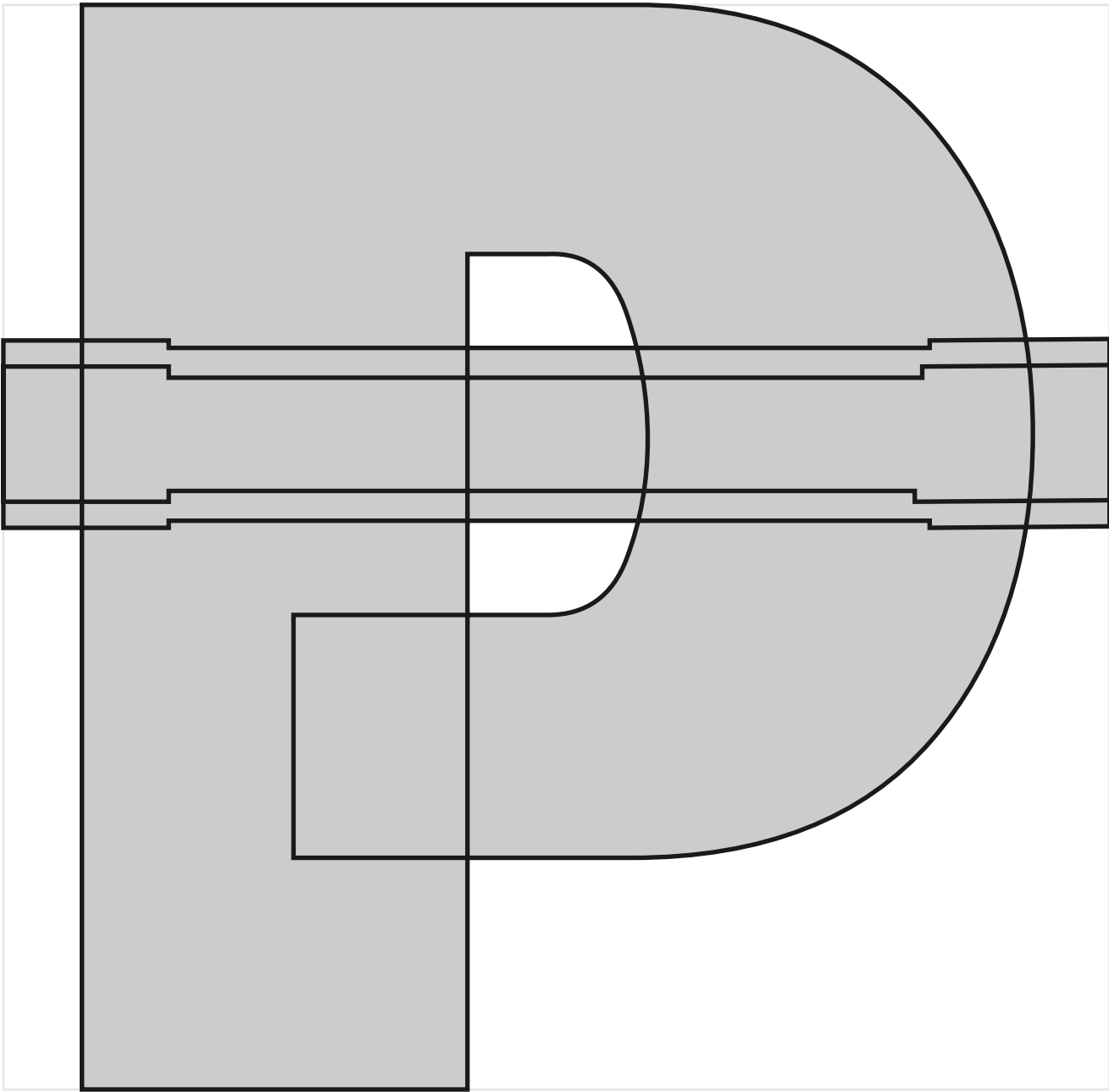


contour\_order

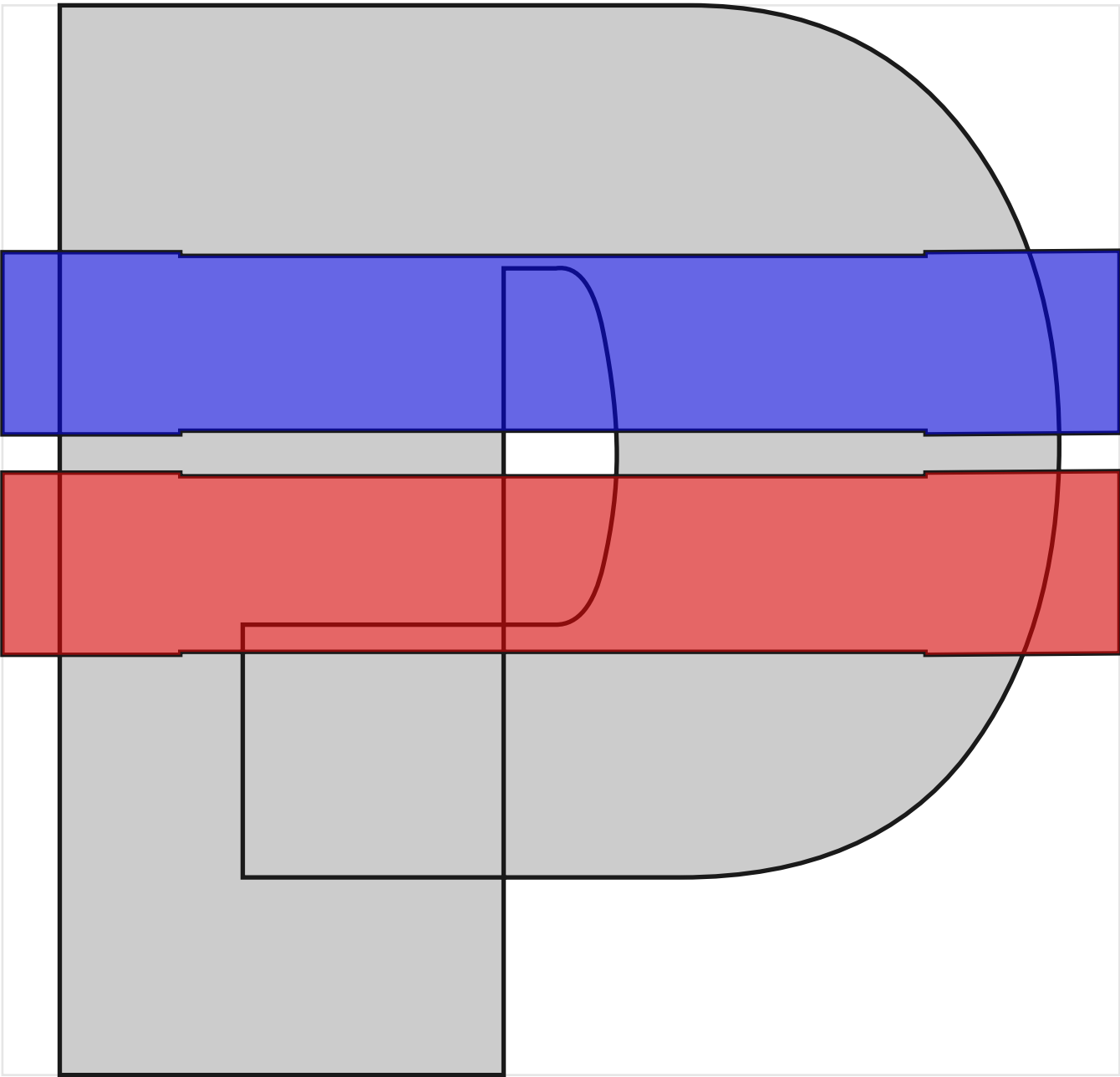
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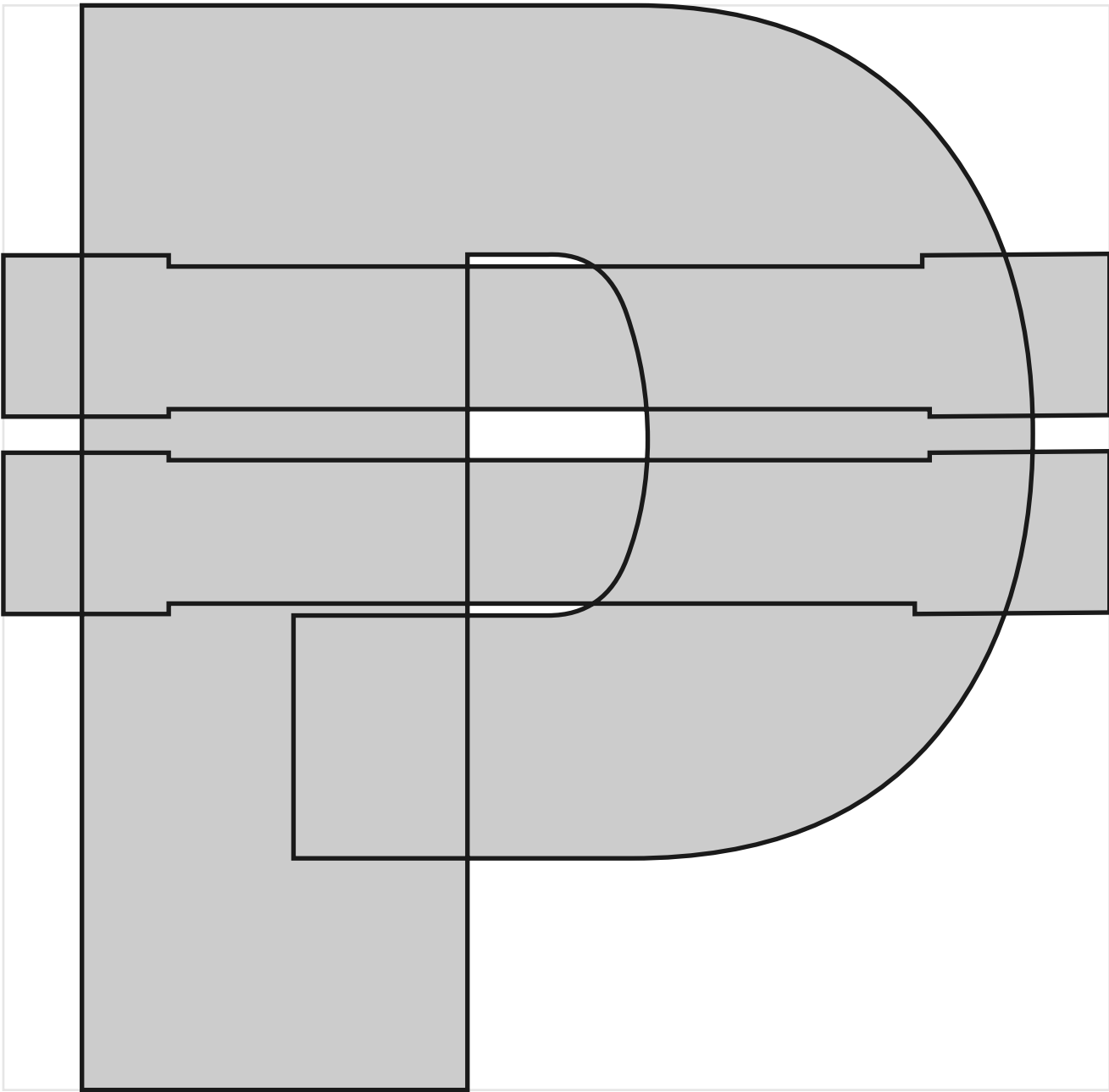
midway interpolation



'GRAD=150.0 opsz=144.0 wght=1000.0'

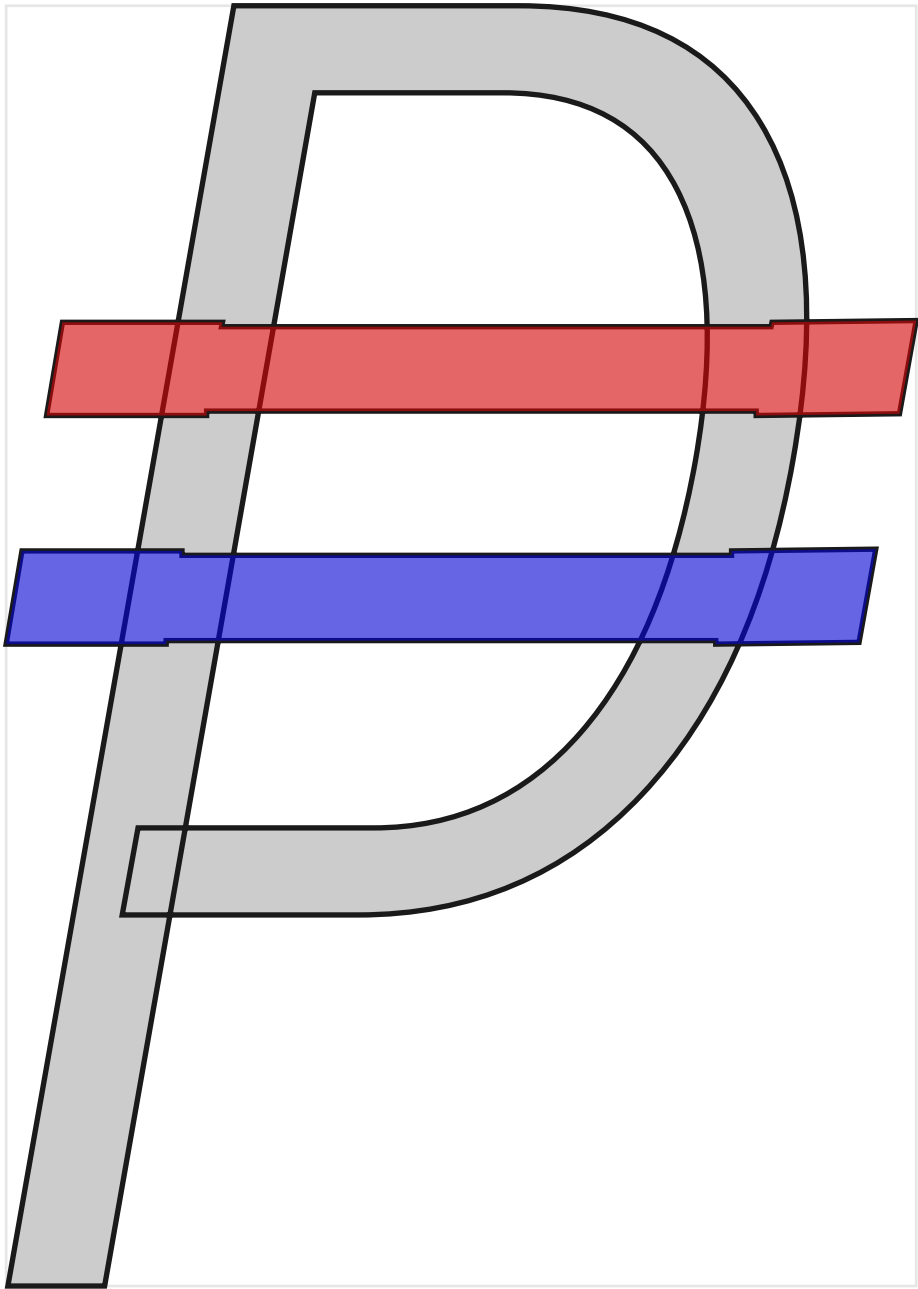


proposed fix

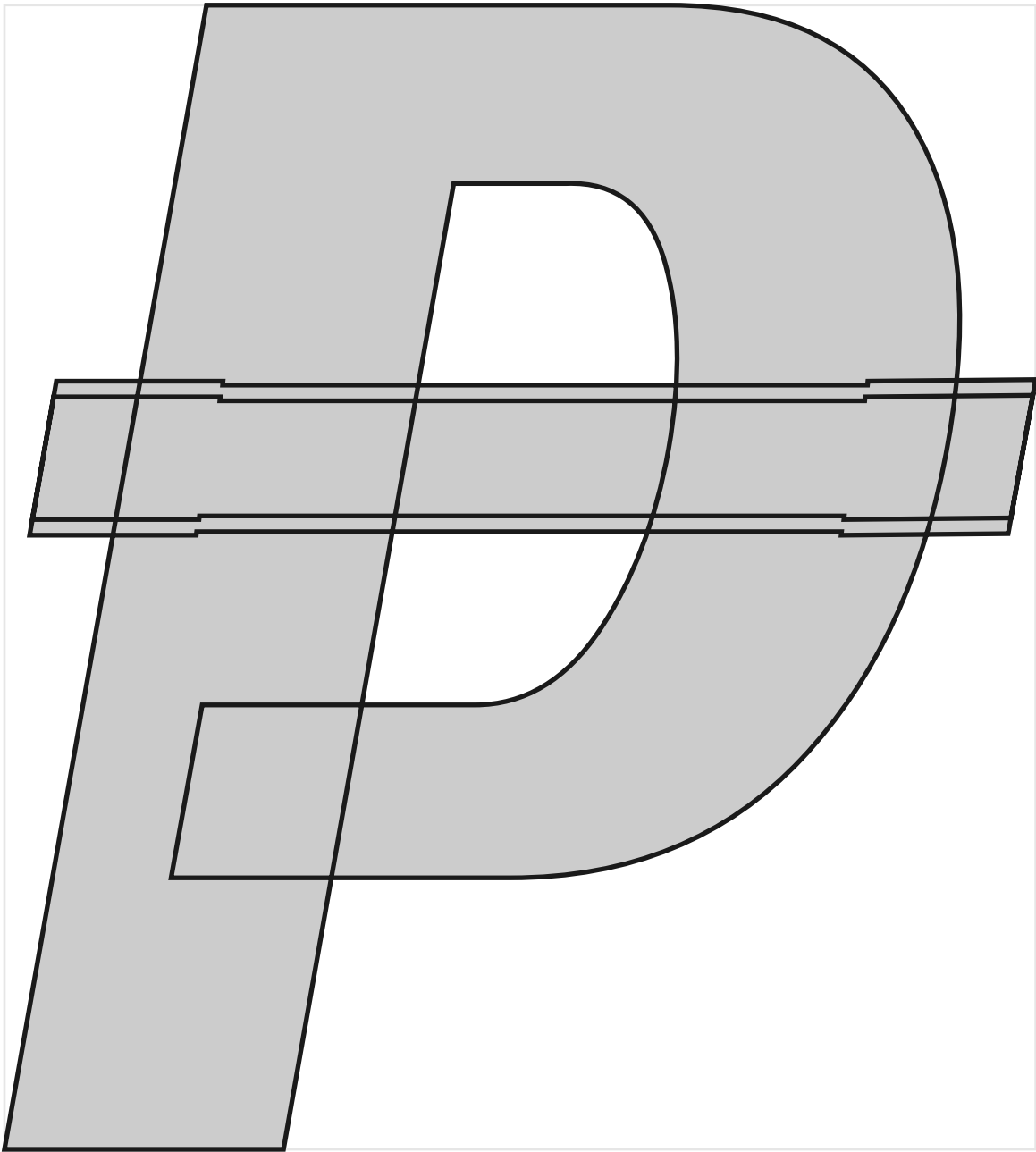


contour\_order

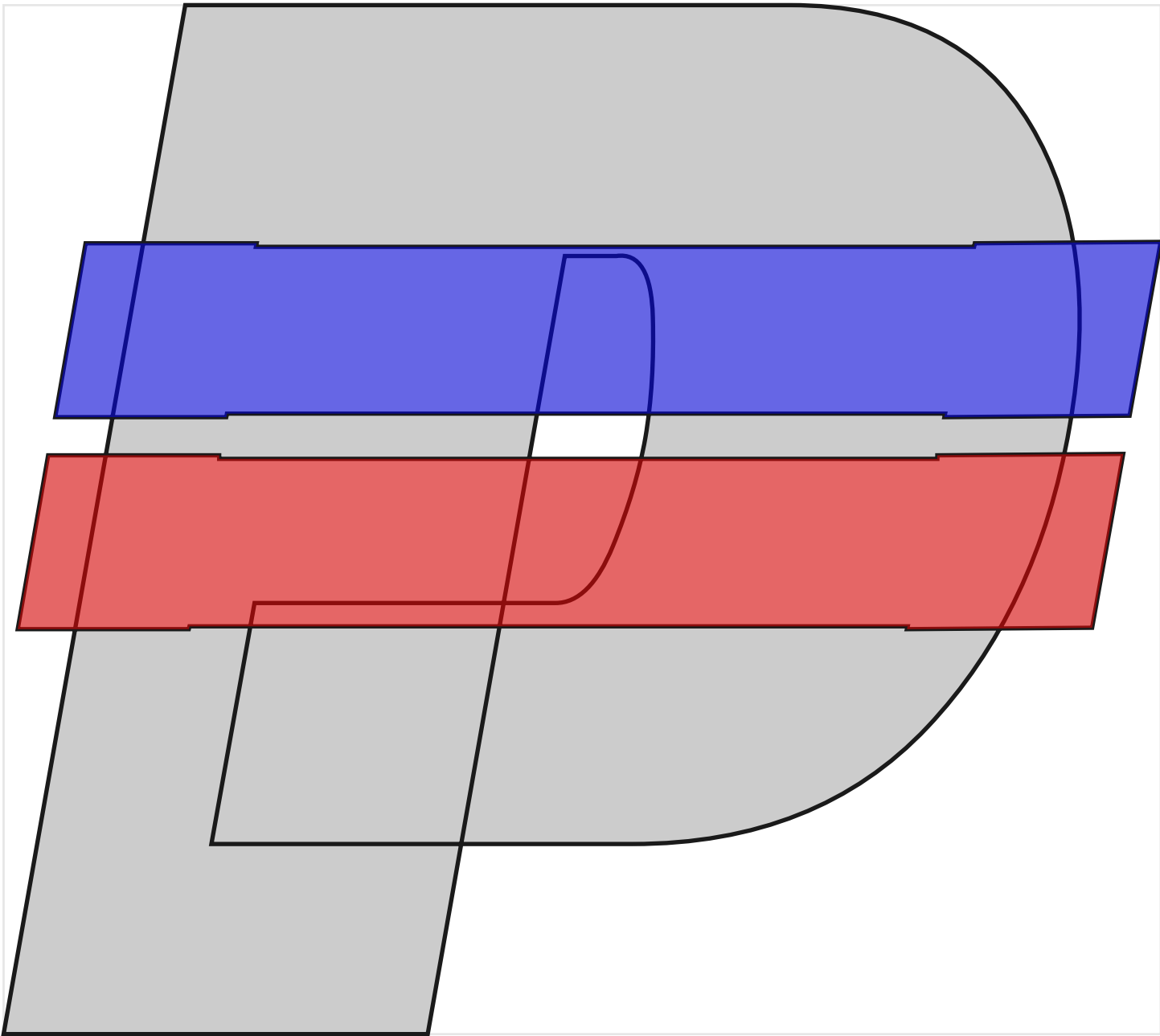
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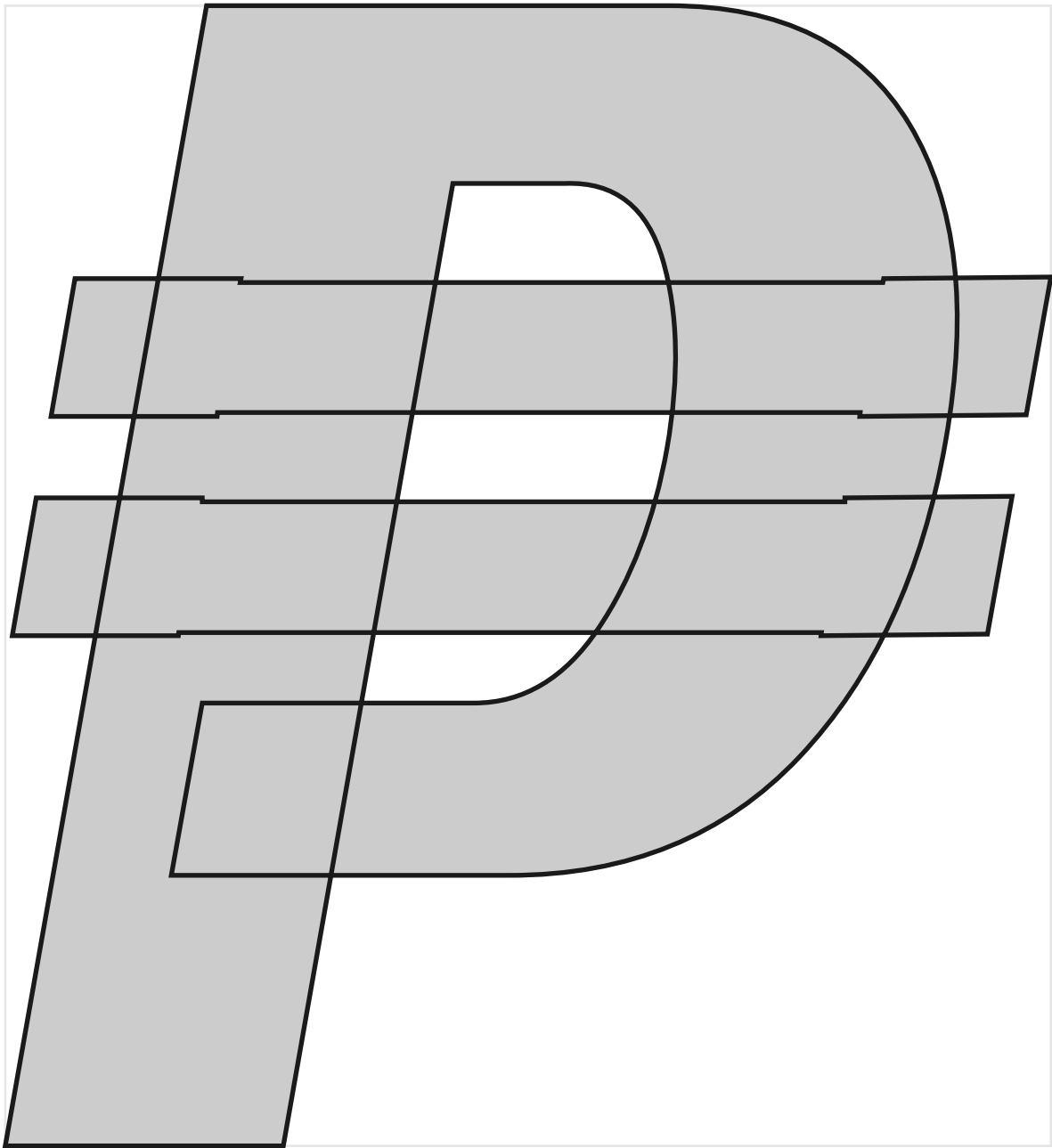
midway interpolation



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

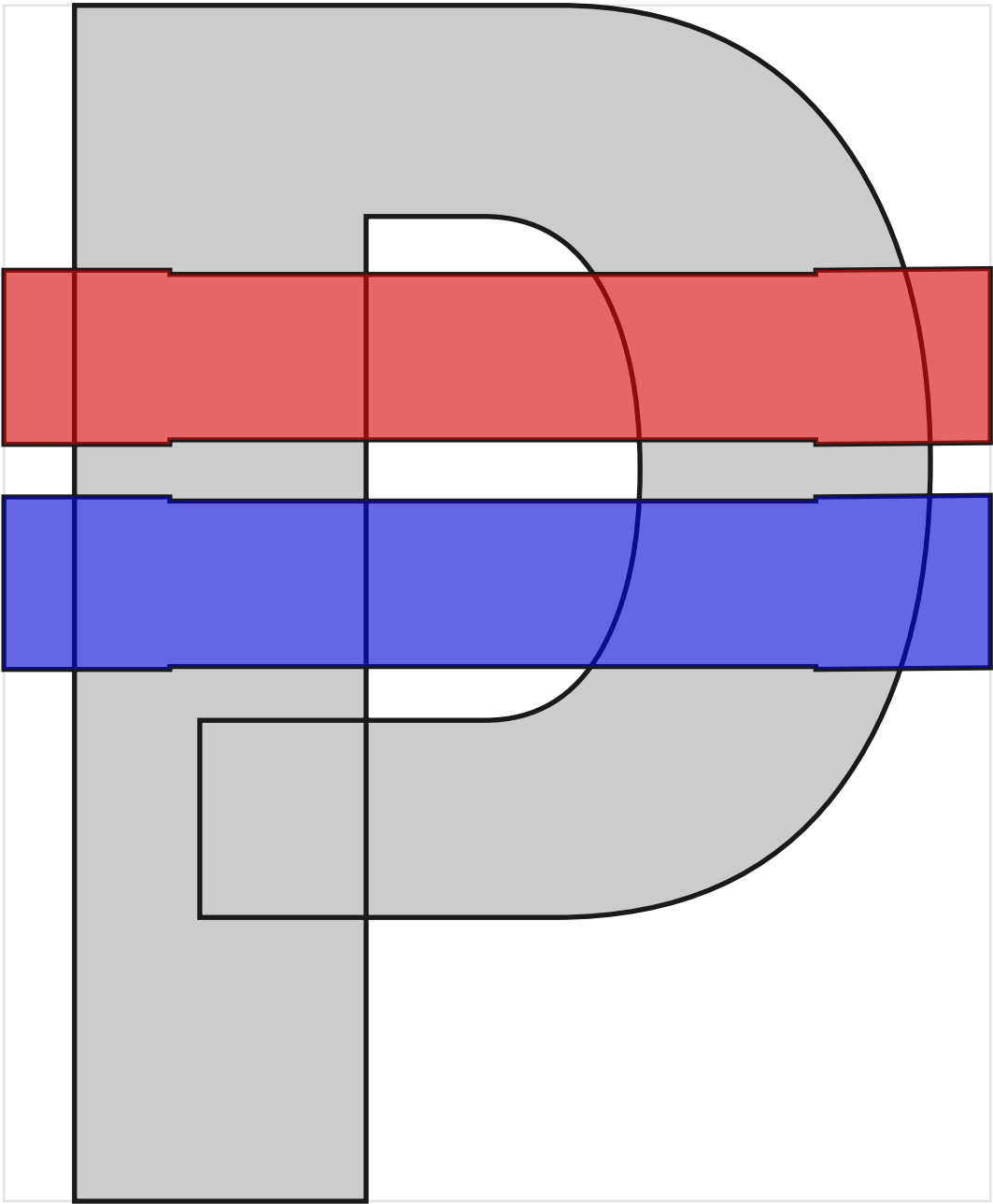


proposed fix

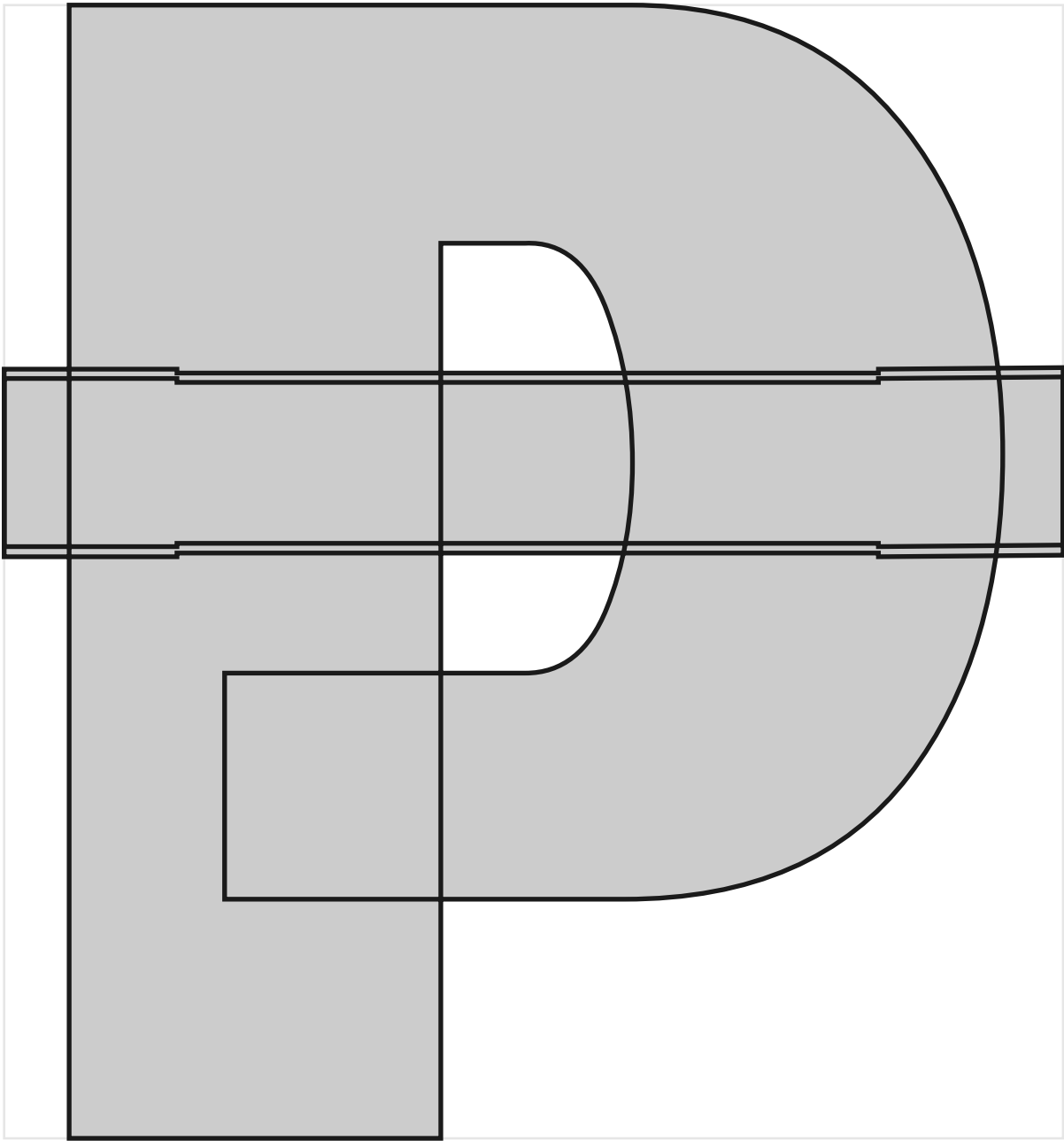


contour\_order

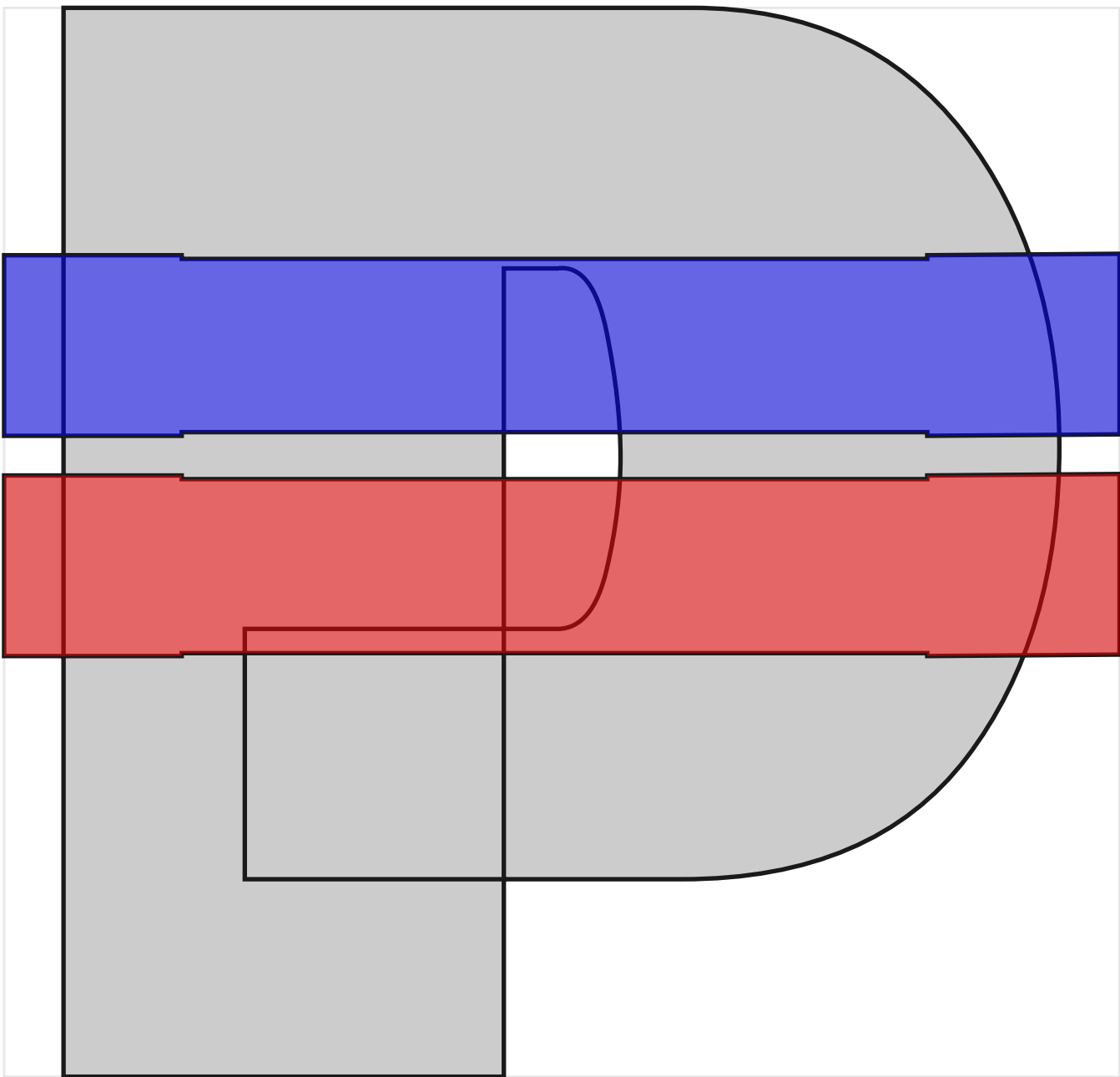
'opsz=144.0 wght=700.0'



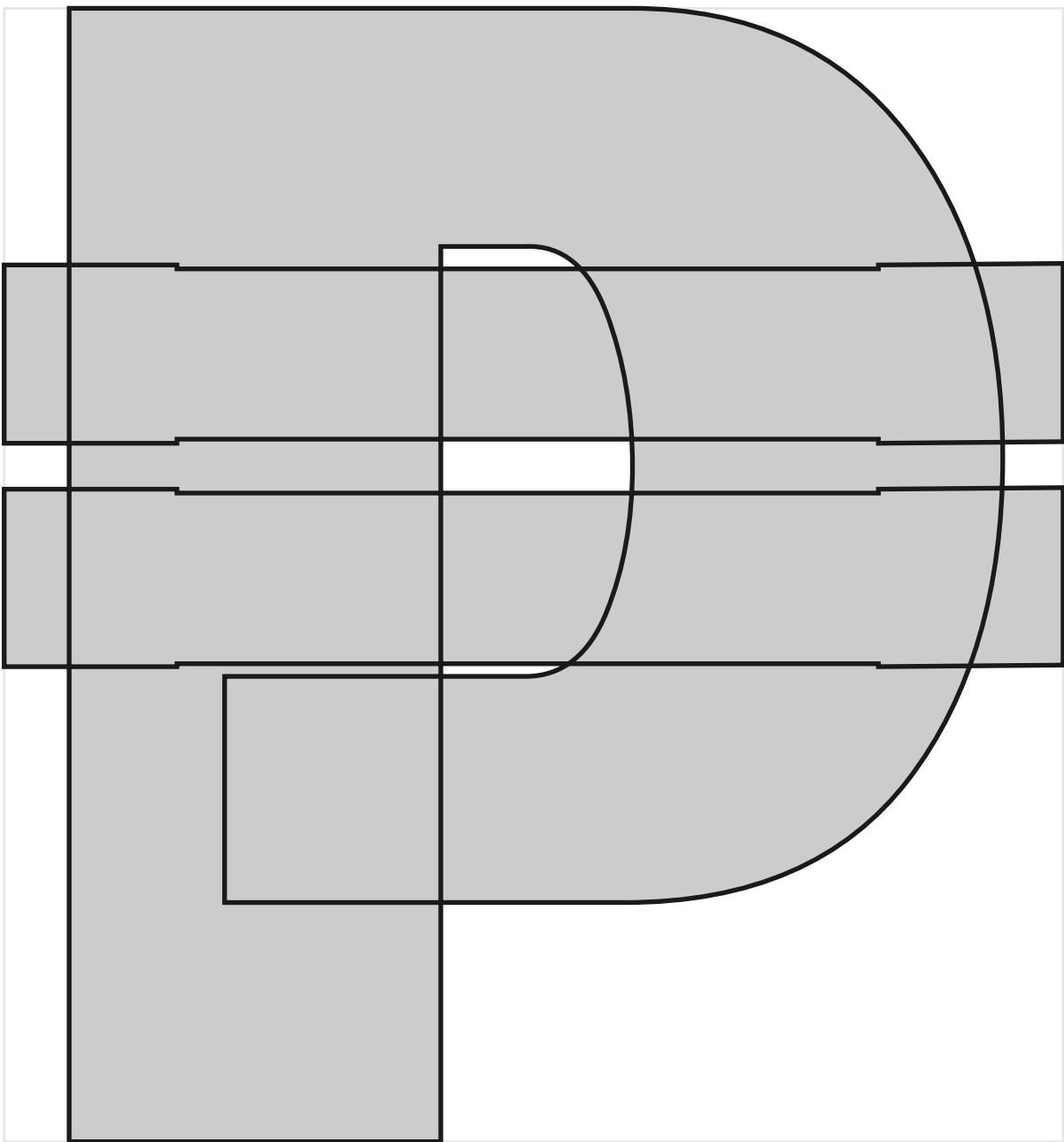
midway interpolation



'opsz=144.0 wght=1000.0'



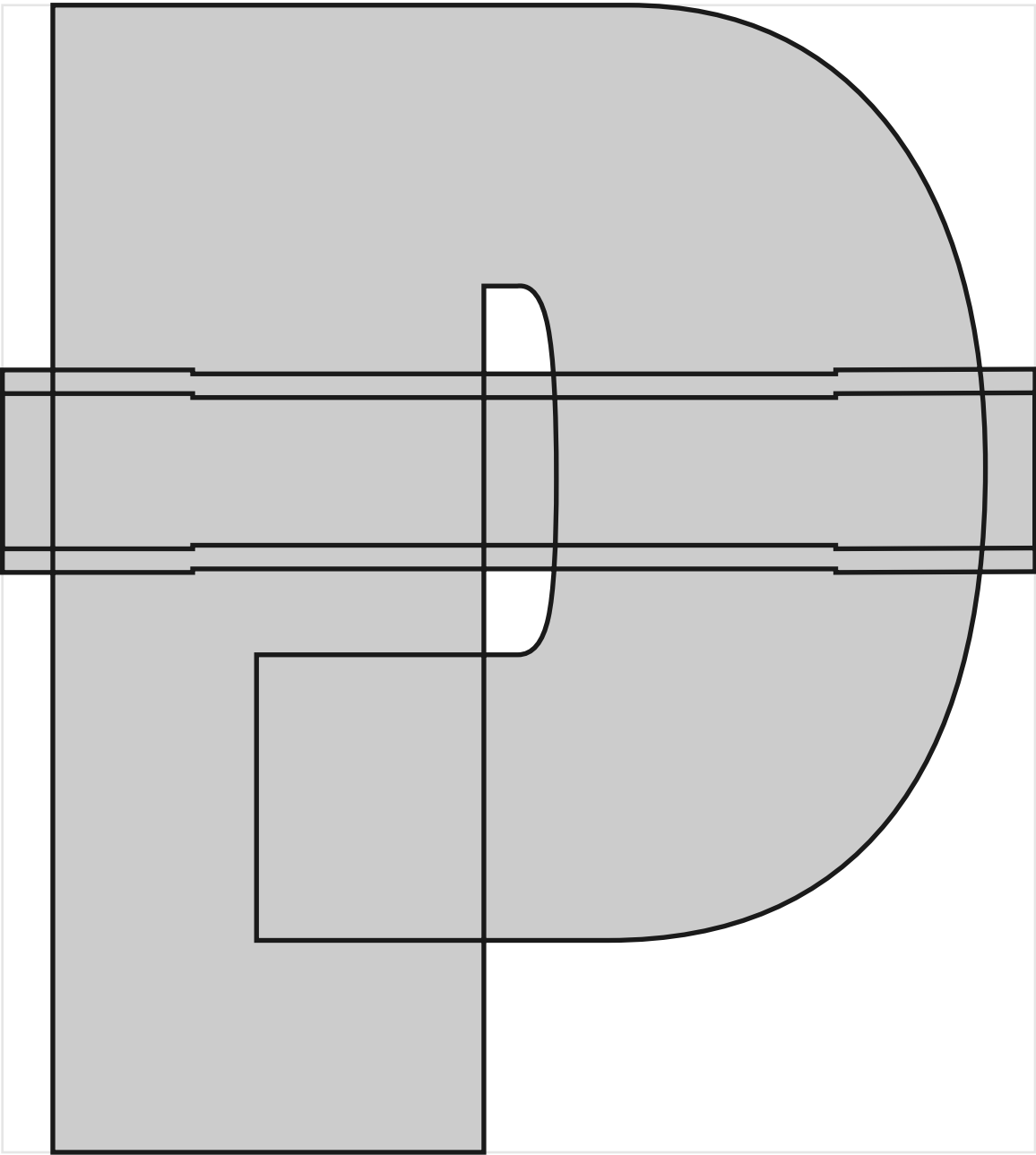
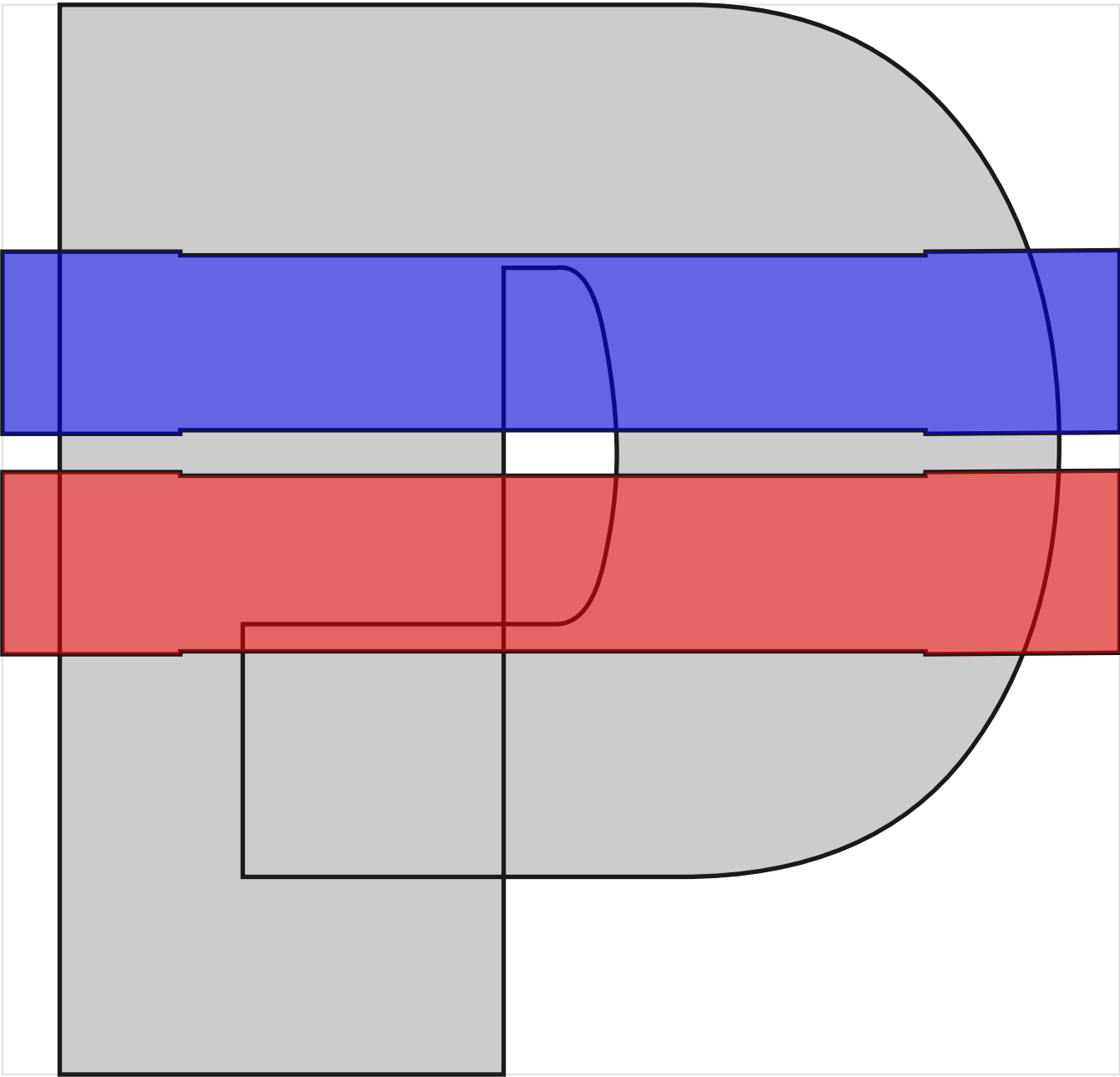
proposed fix



contour\_order

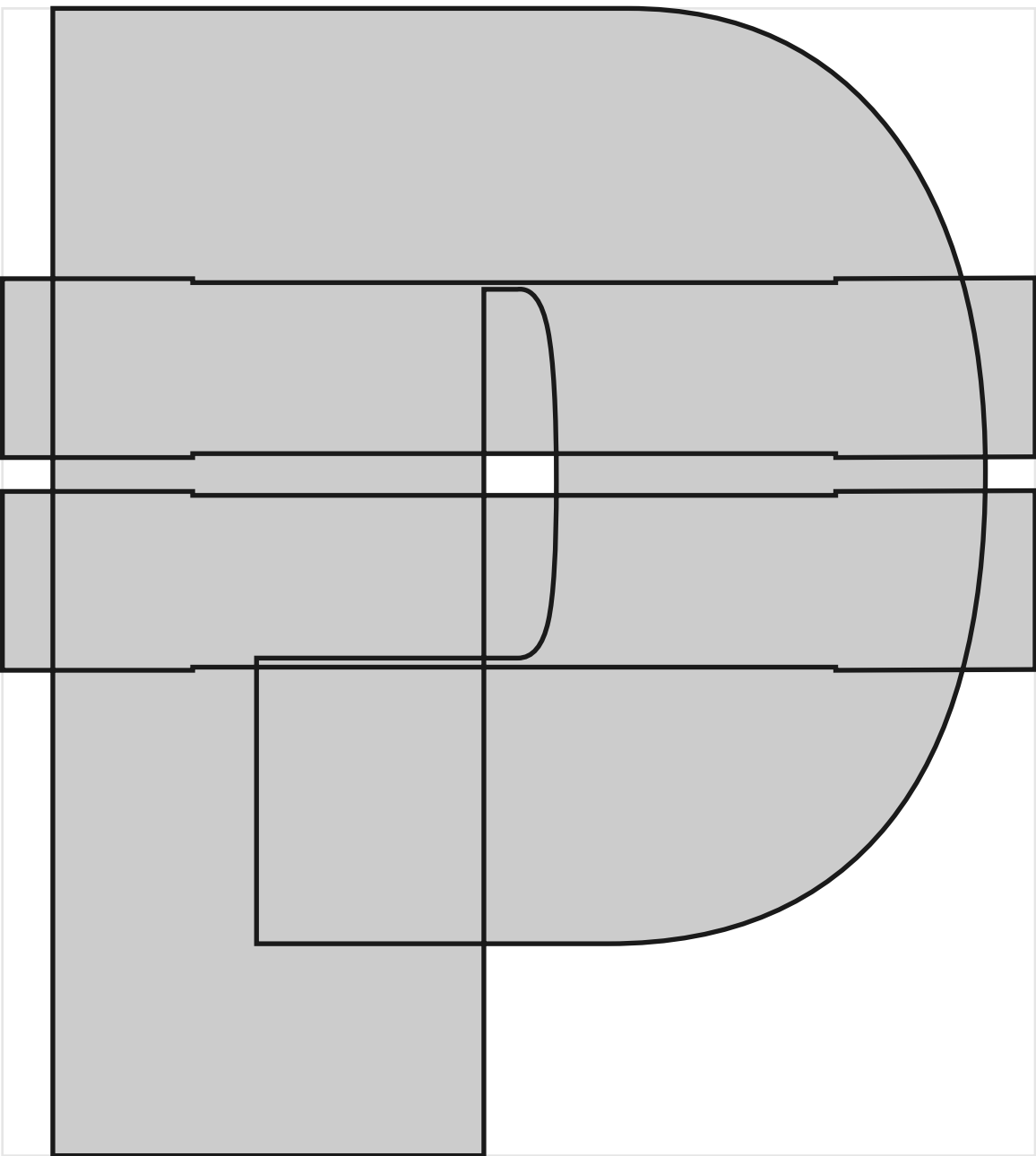
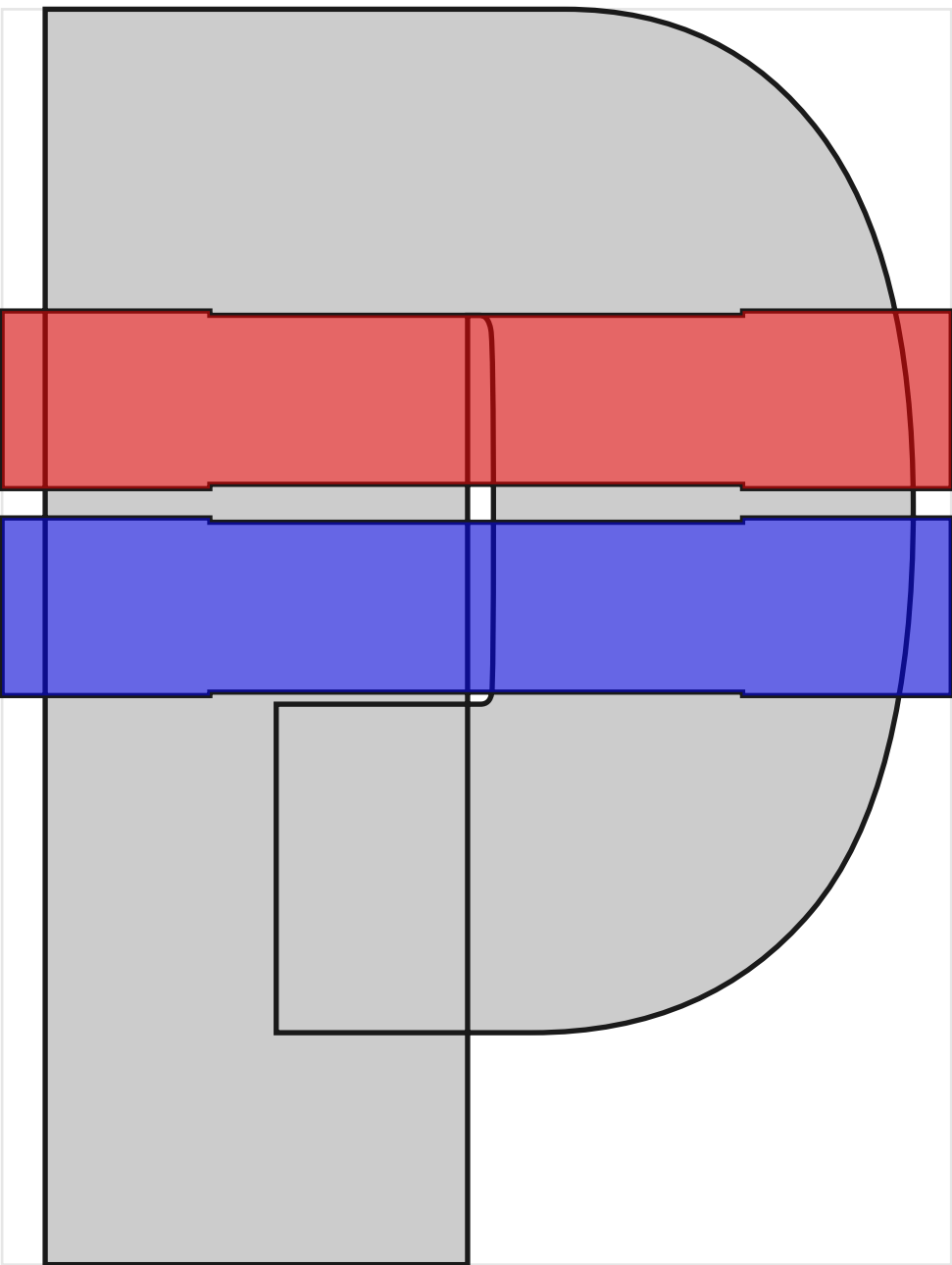
'GRAD=150.0 opsz=144.0 wght=1000.0'

midway interpolation



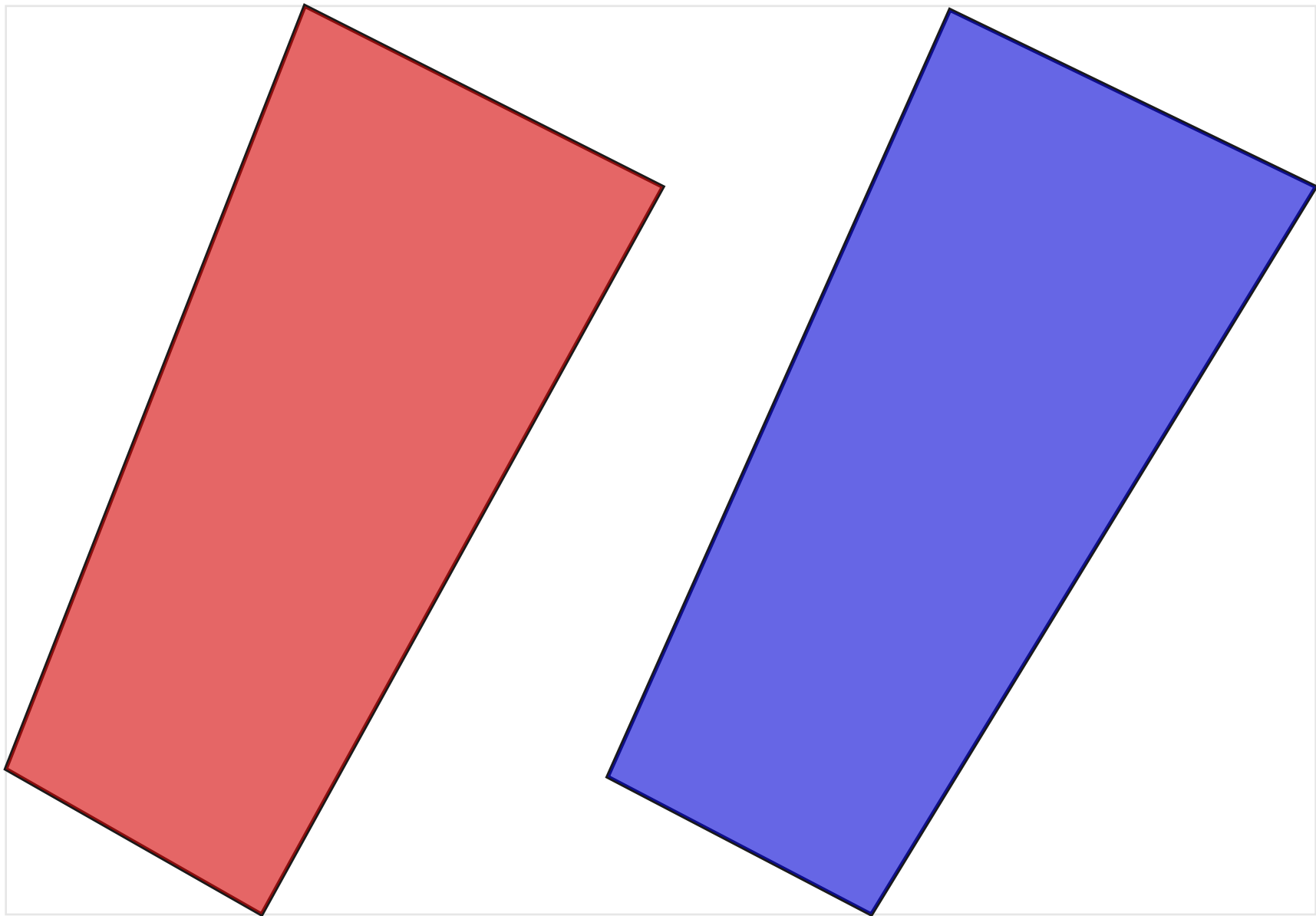
'GRAD=150.0 opsz=144.0 width=25.0 wght=1000.0'

proposed fix

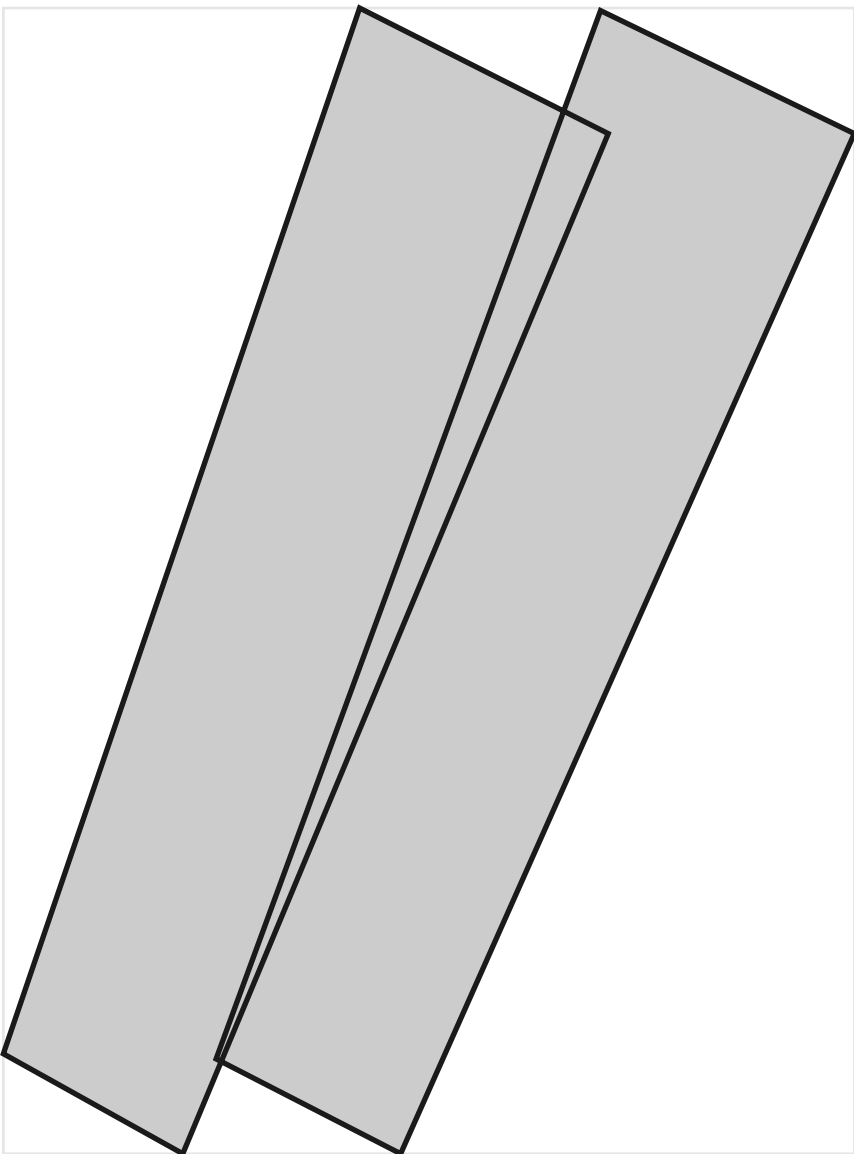


contour\_order

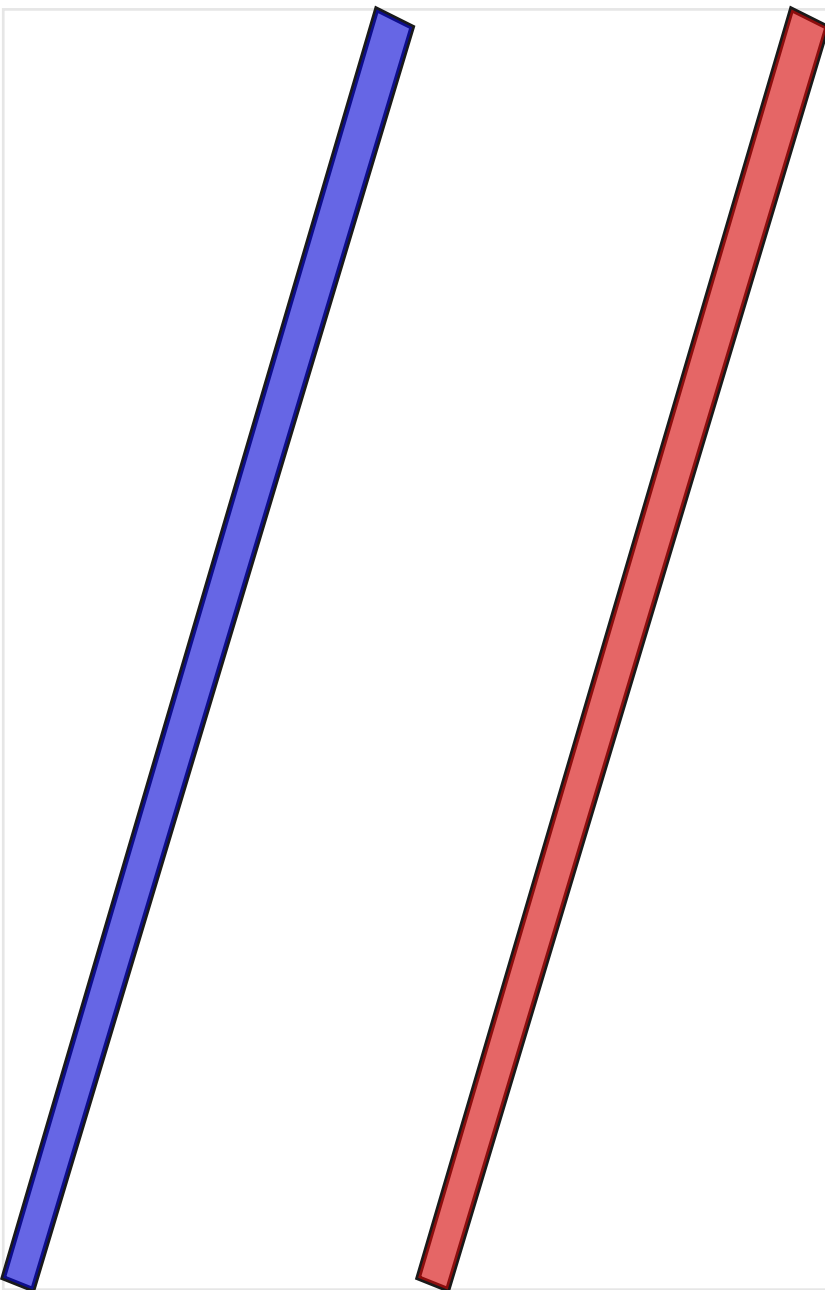
'opsz=144.0 width=25.0'



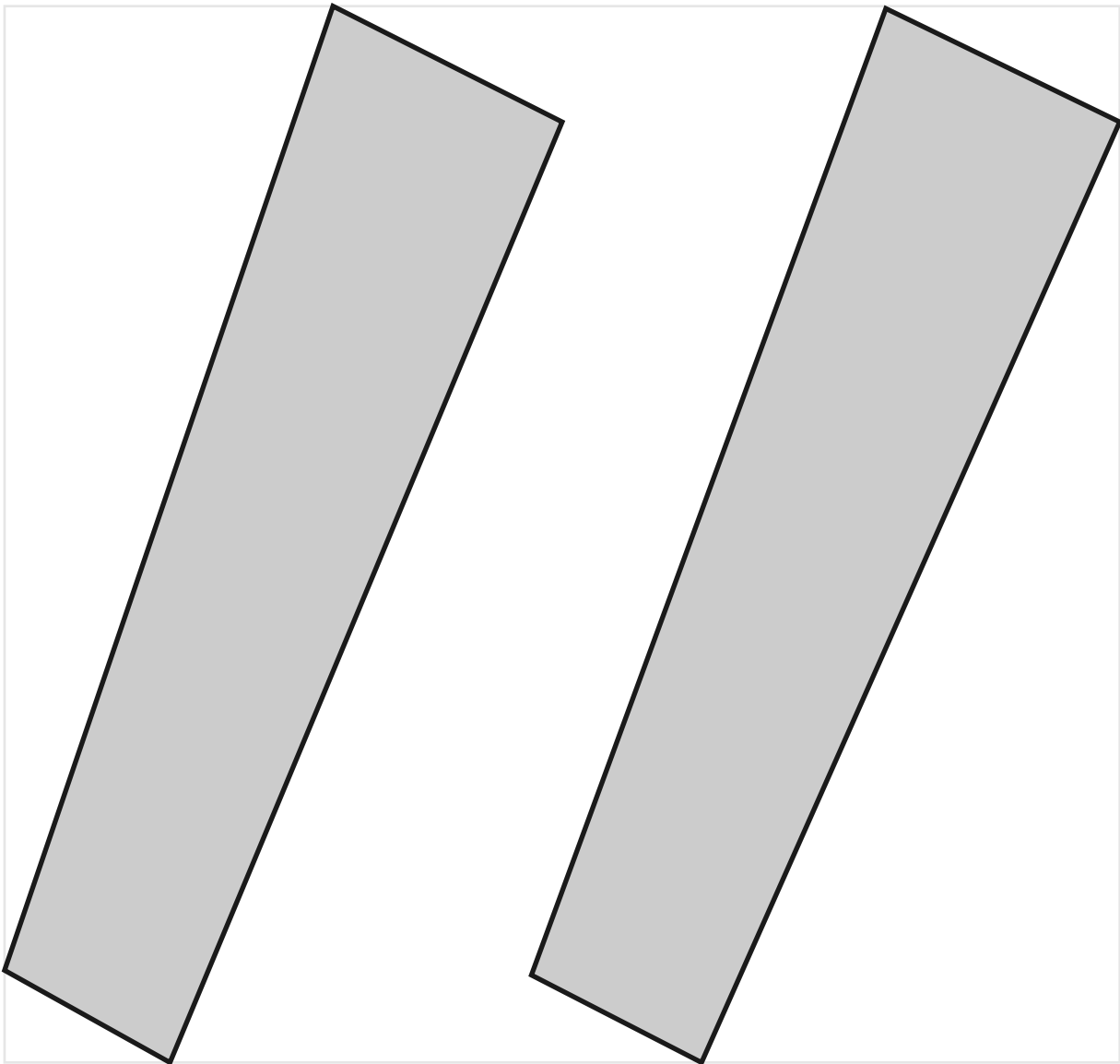
midway interpolation



'opsz=144.0 width=25.0 wght=100.0'



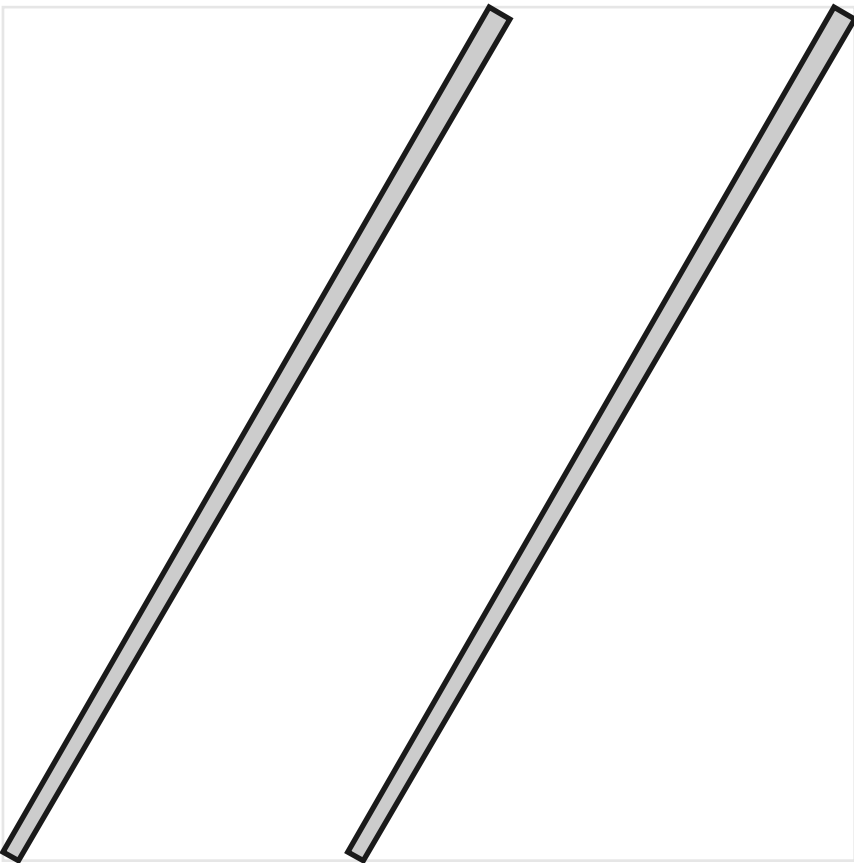
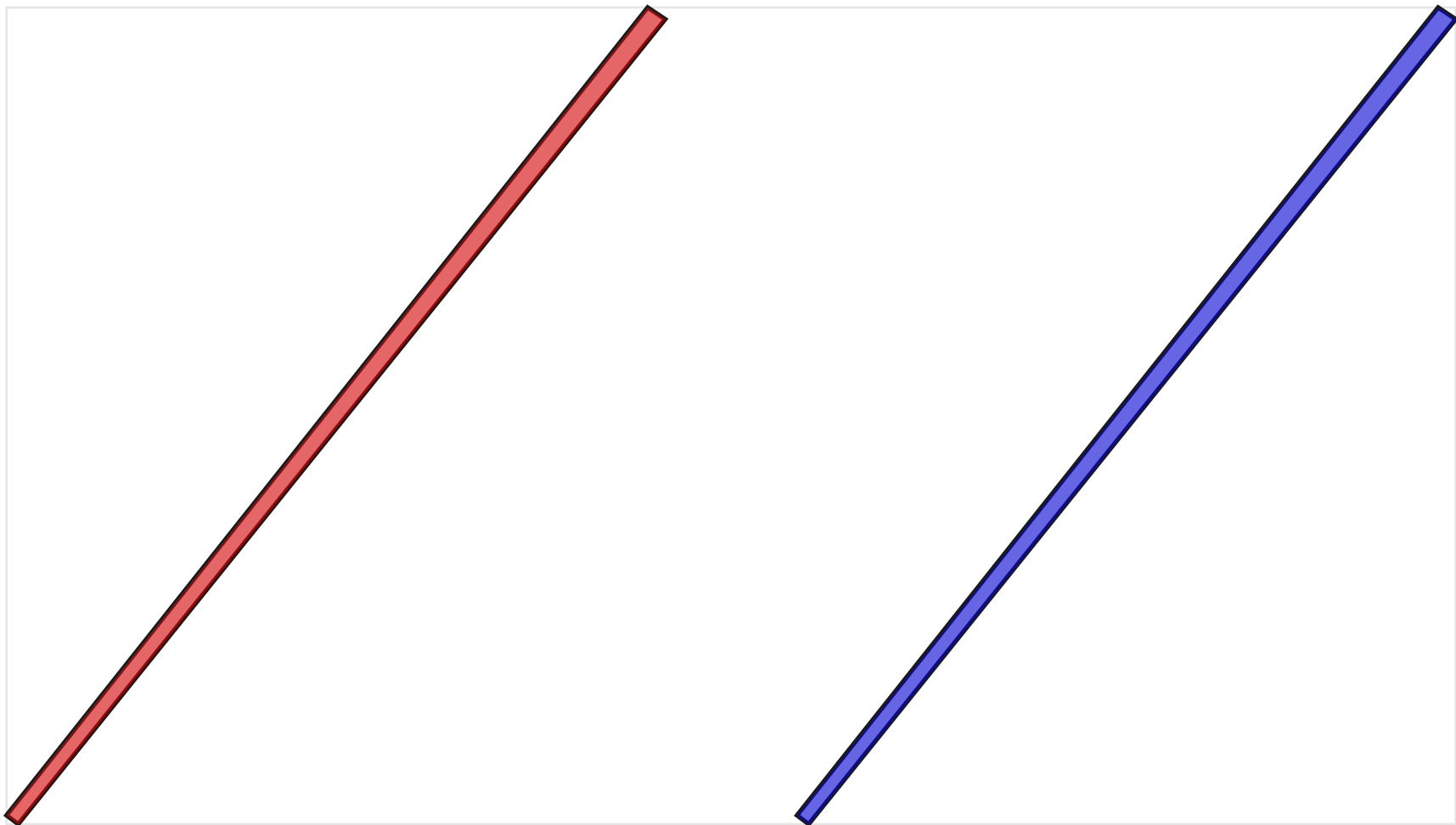
proposed fix



contour\_order

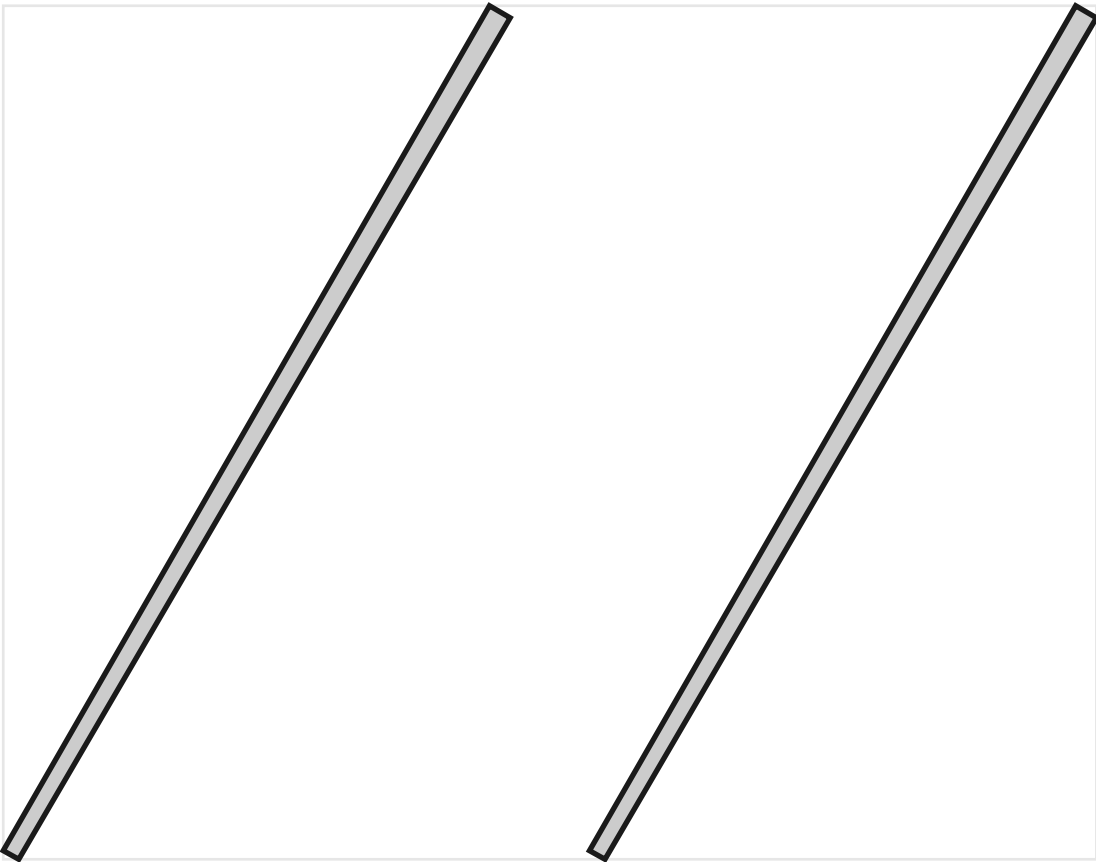
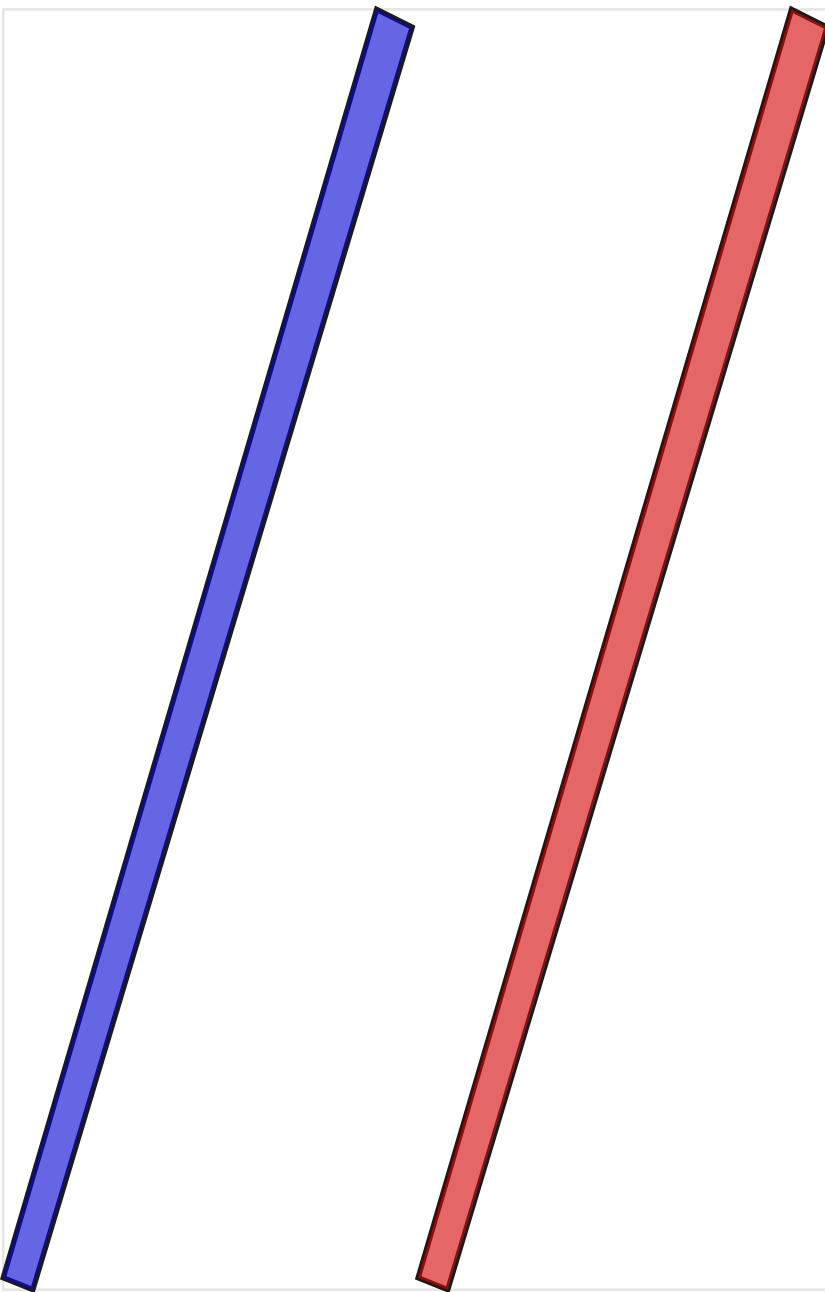
'GRAD=-200.0 opsz=144.0 wght=100.0'

midway interpolation



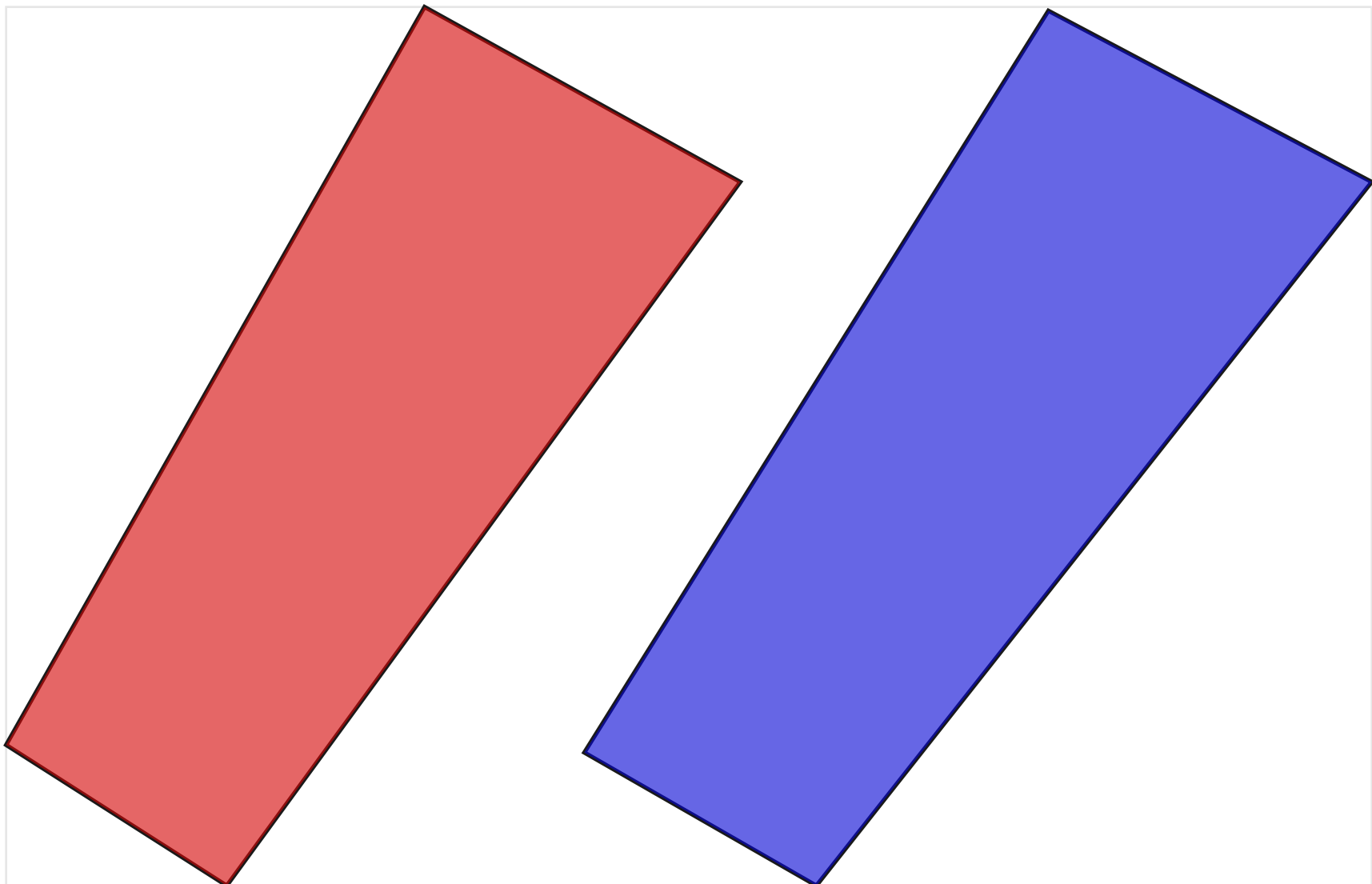
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proposed fix

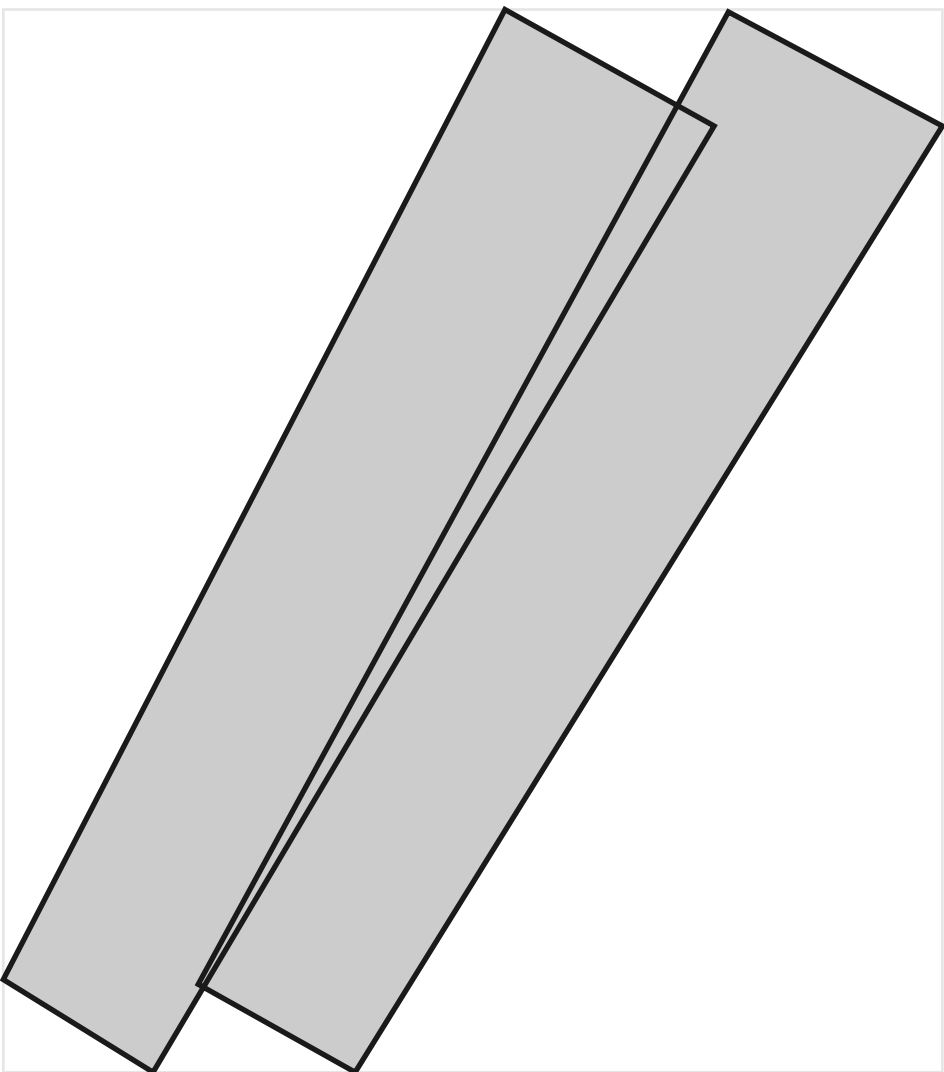


contour\_order

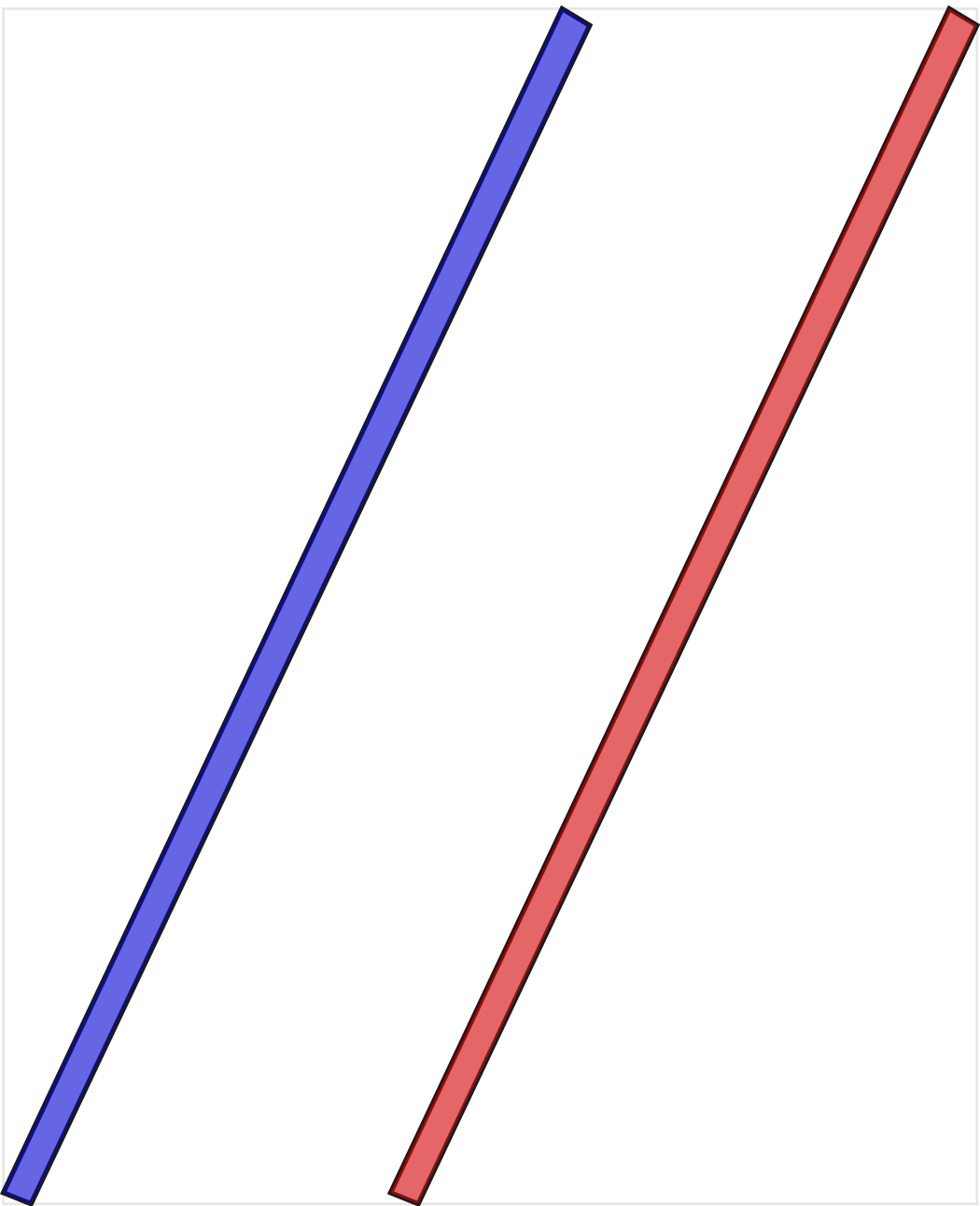
'opsz=144.0 slnt=-10.0 width=25.0'



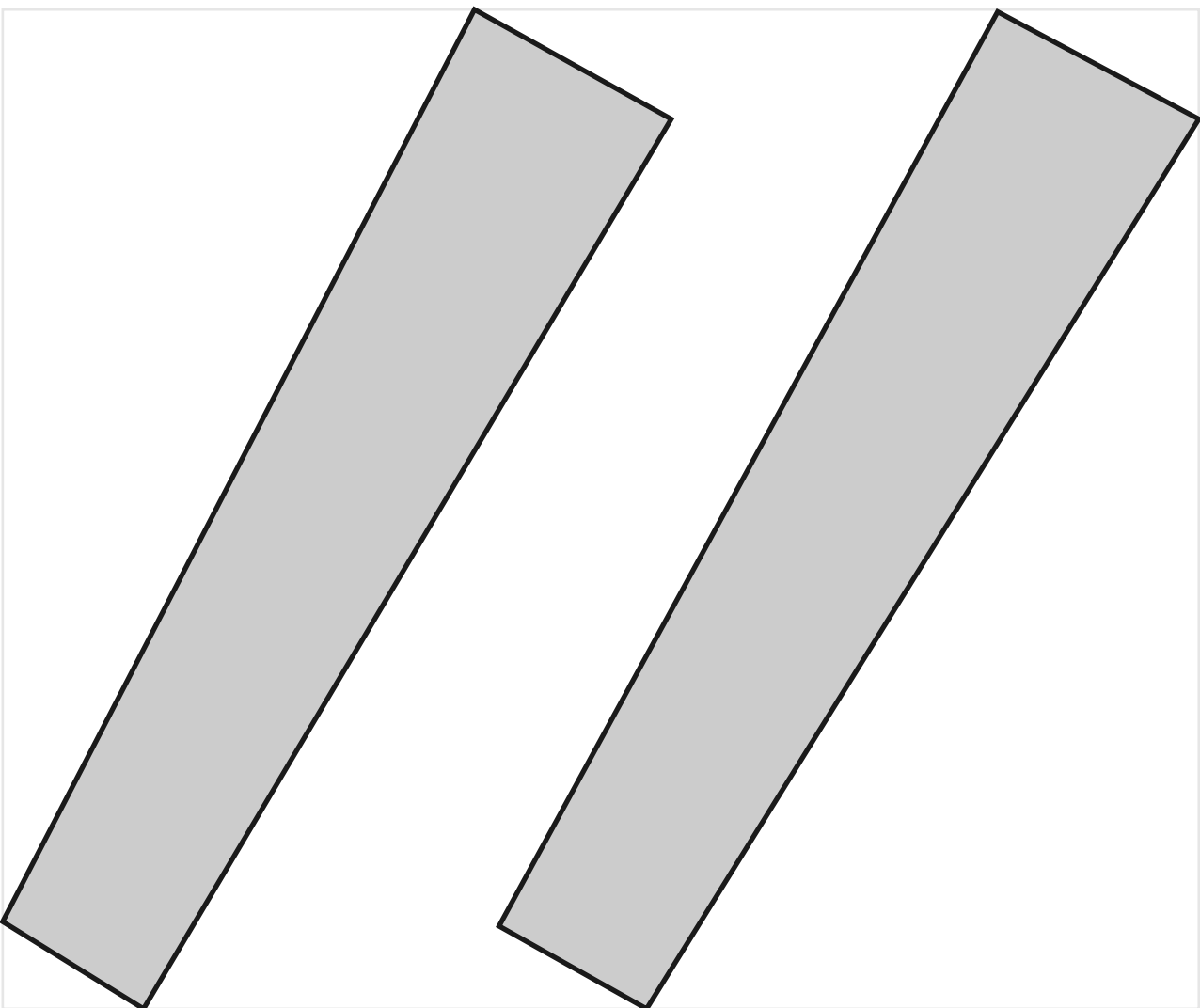
midway interpolation



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



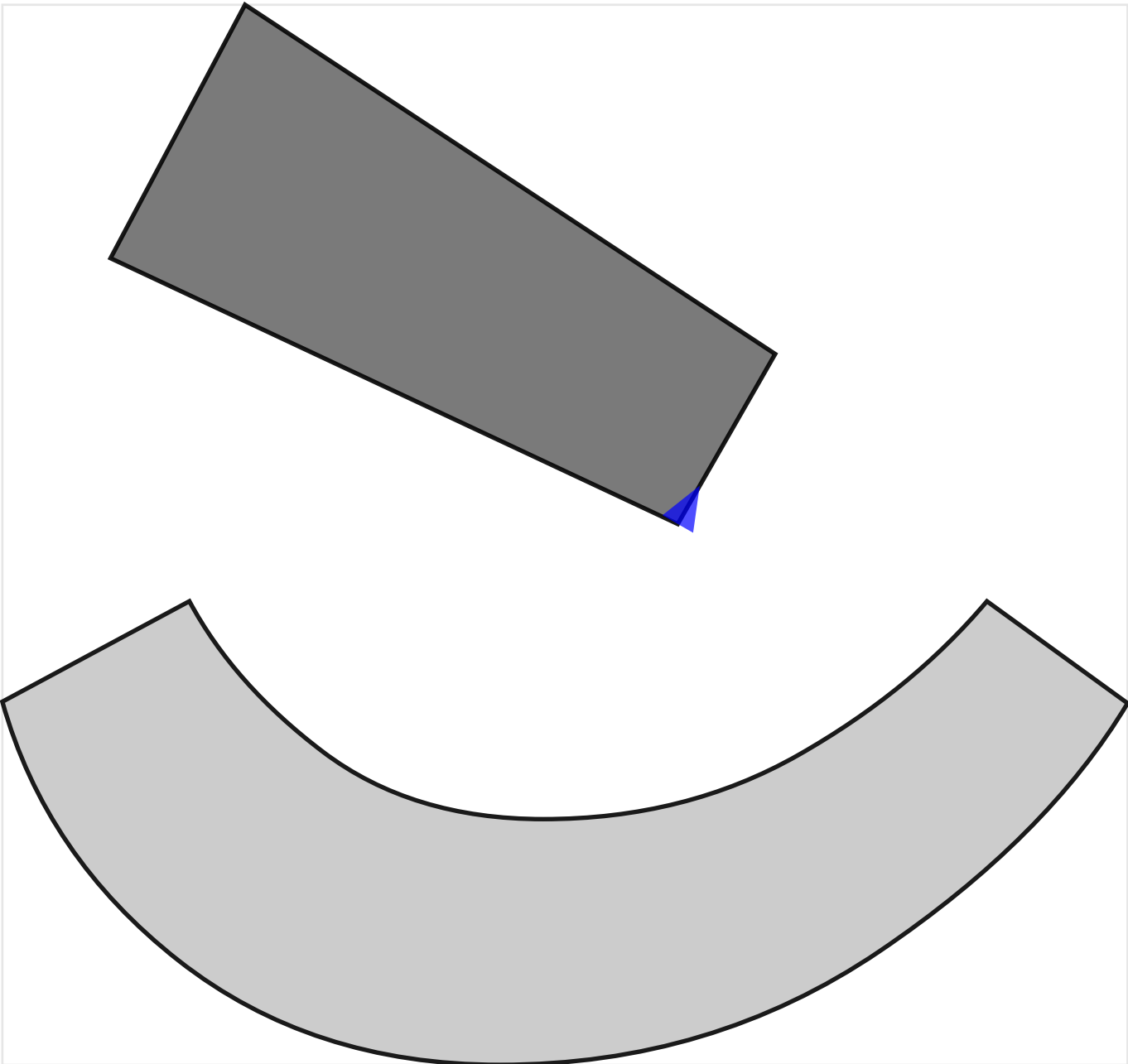
proposed fix



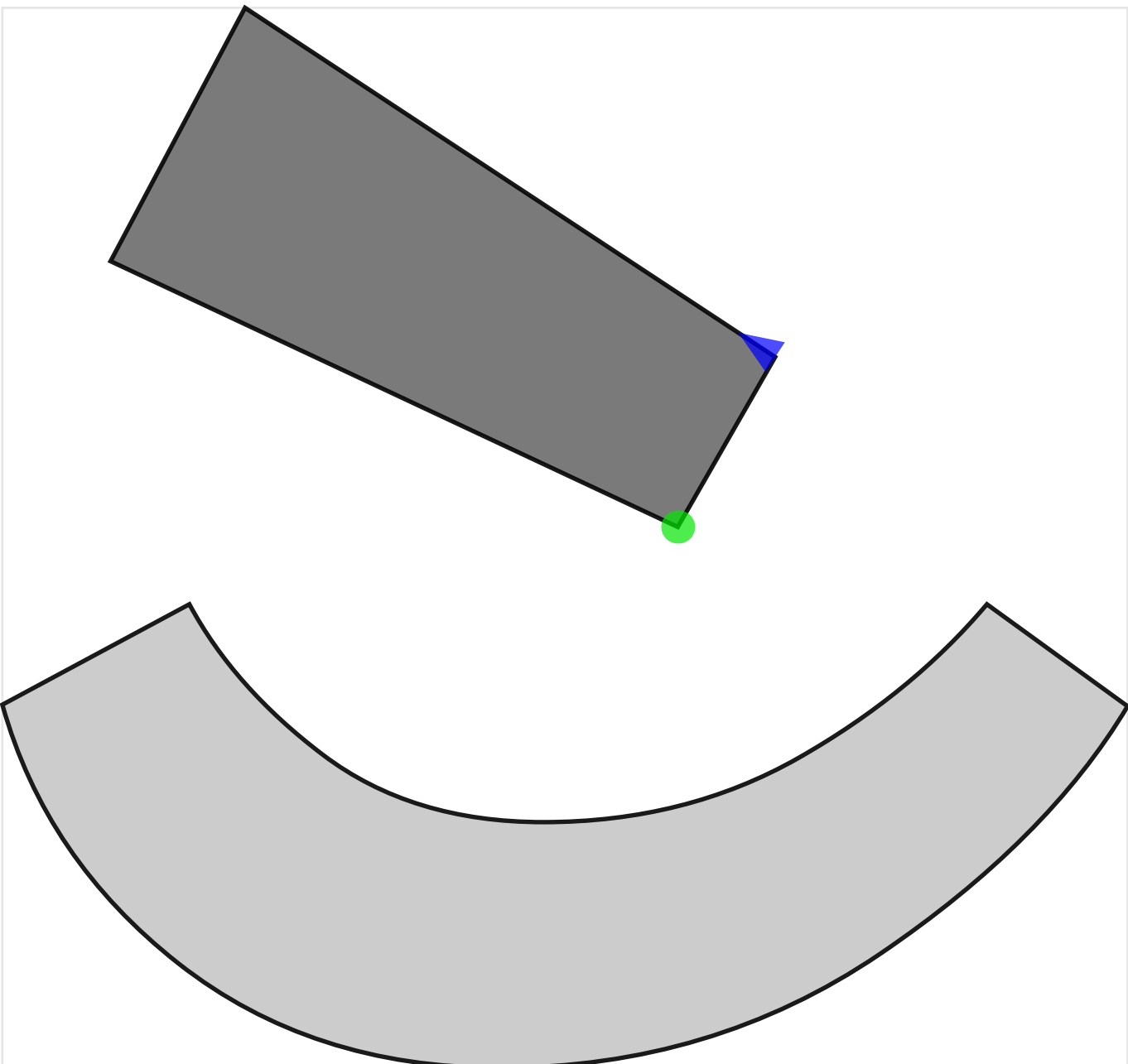


underweight, wrong\_start\_point

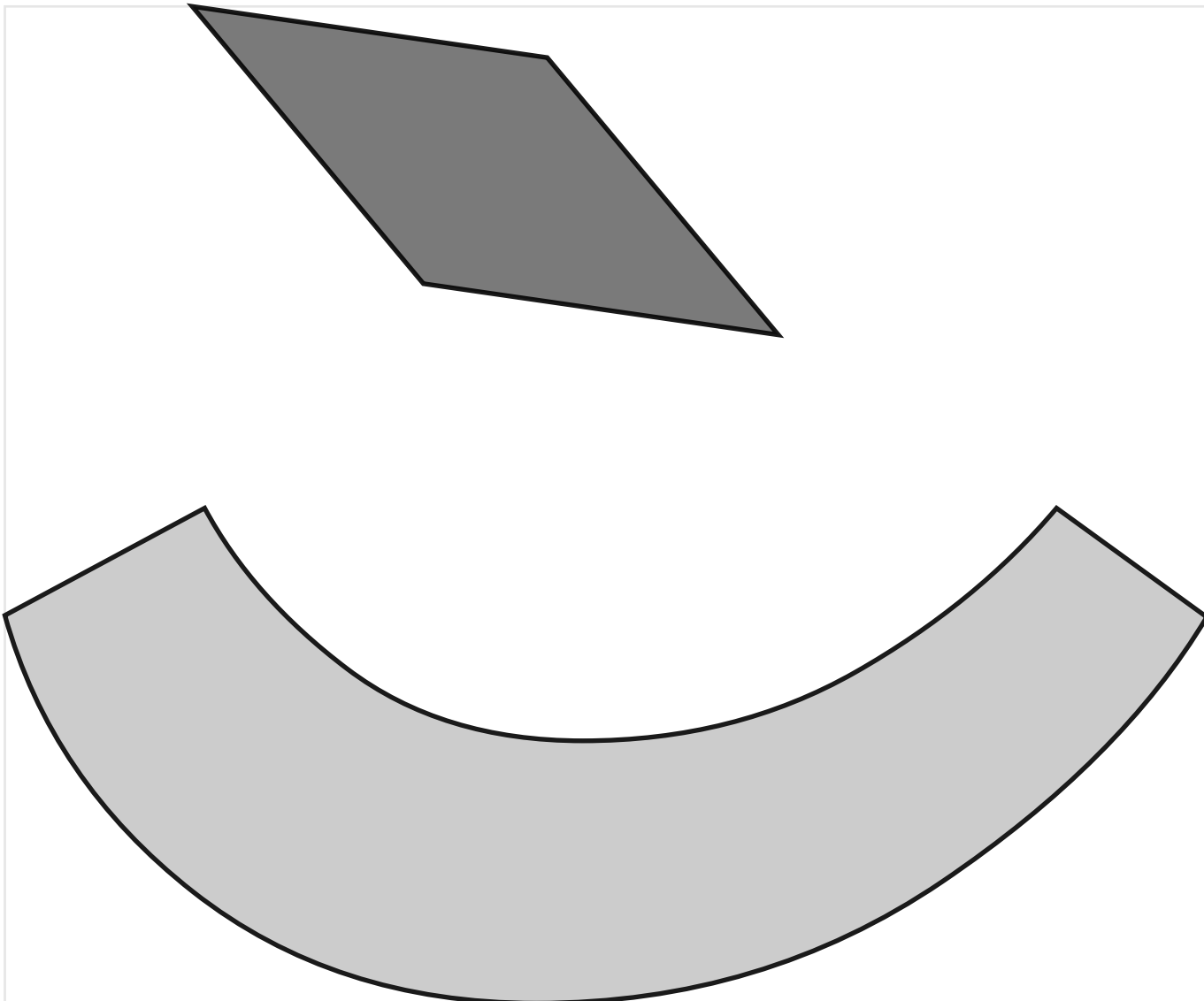
'slnt=-10.0'



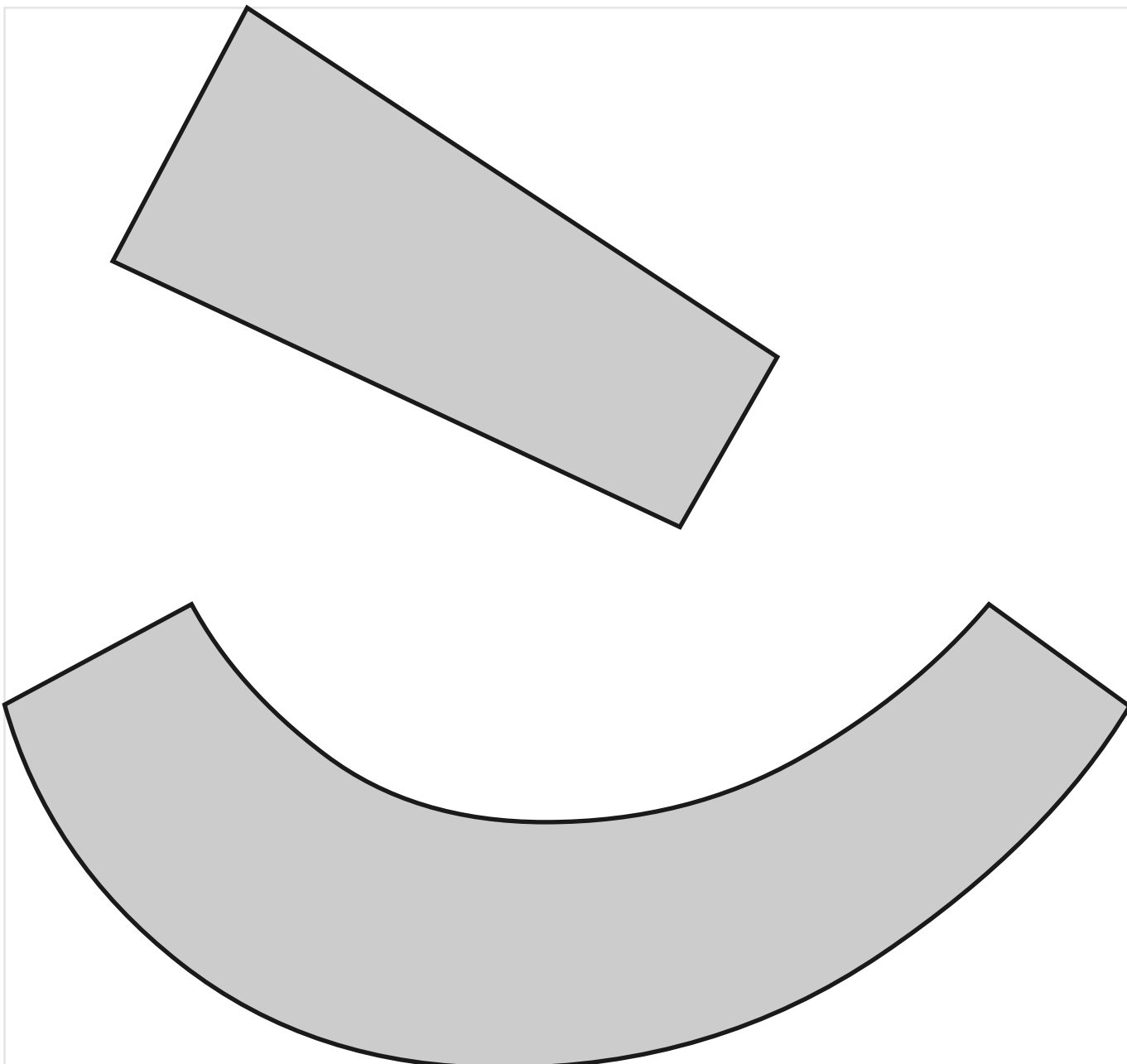
'slnt=-10.0 width=151.0'



midway interpolation

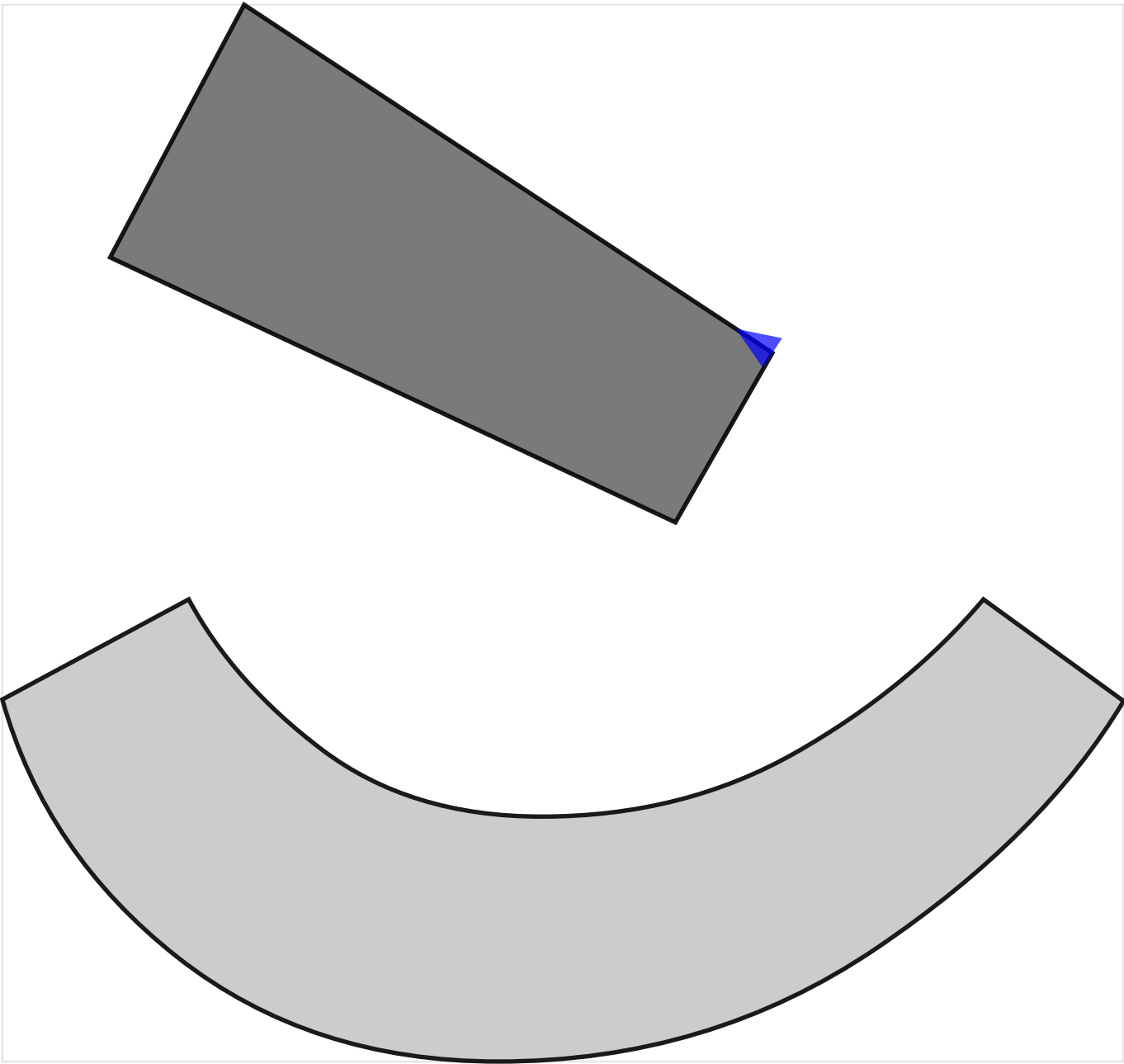


proposed fix

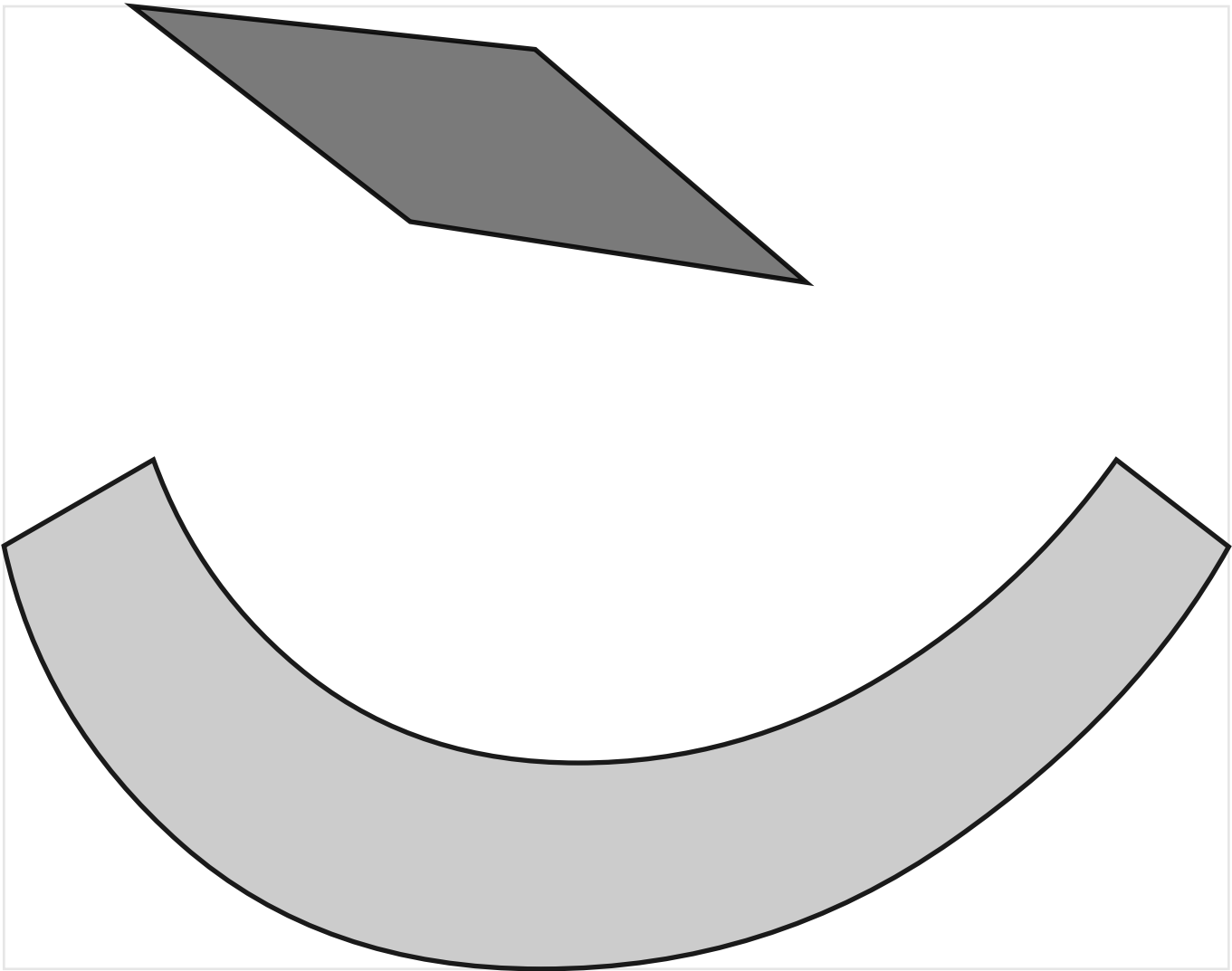


underweight, wrong\_start\_point

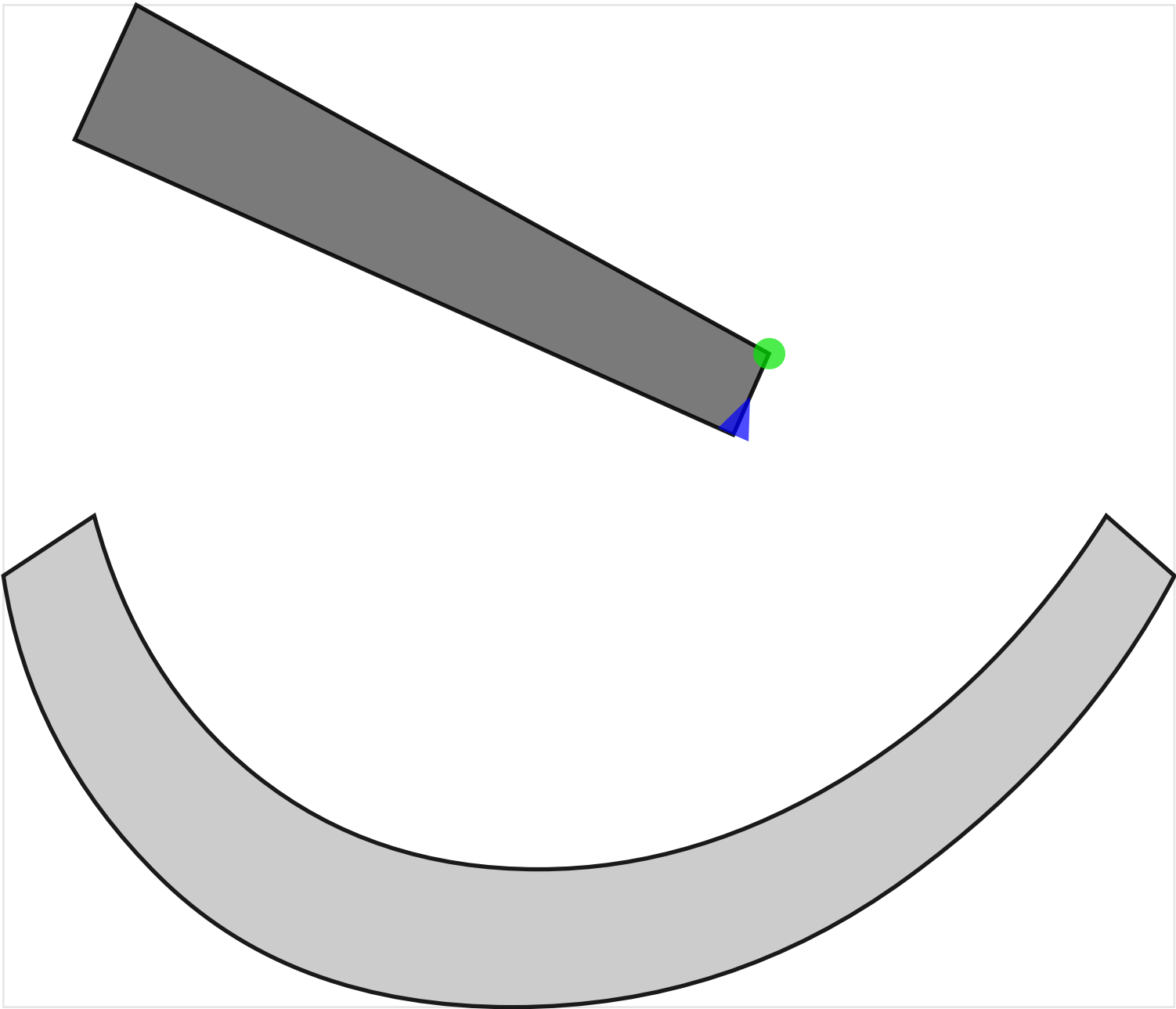
'slnt=-10.0 width=151.0'



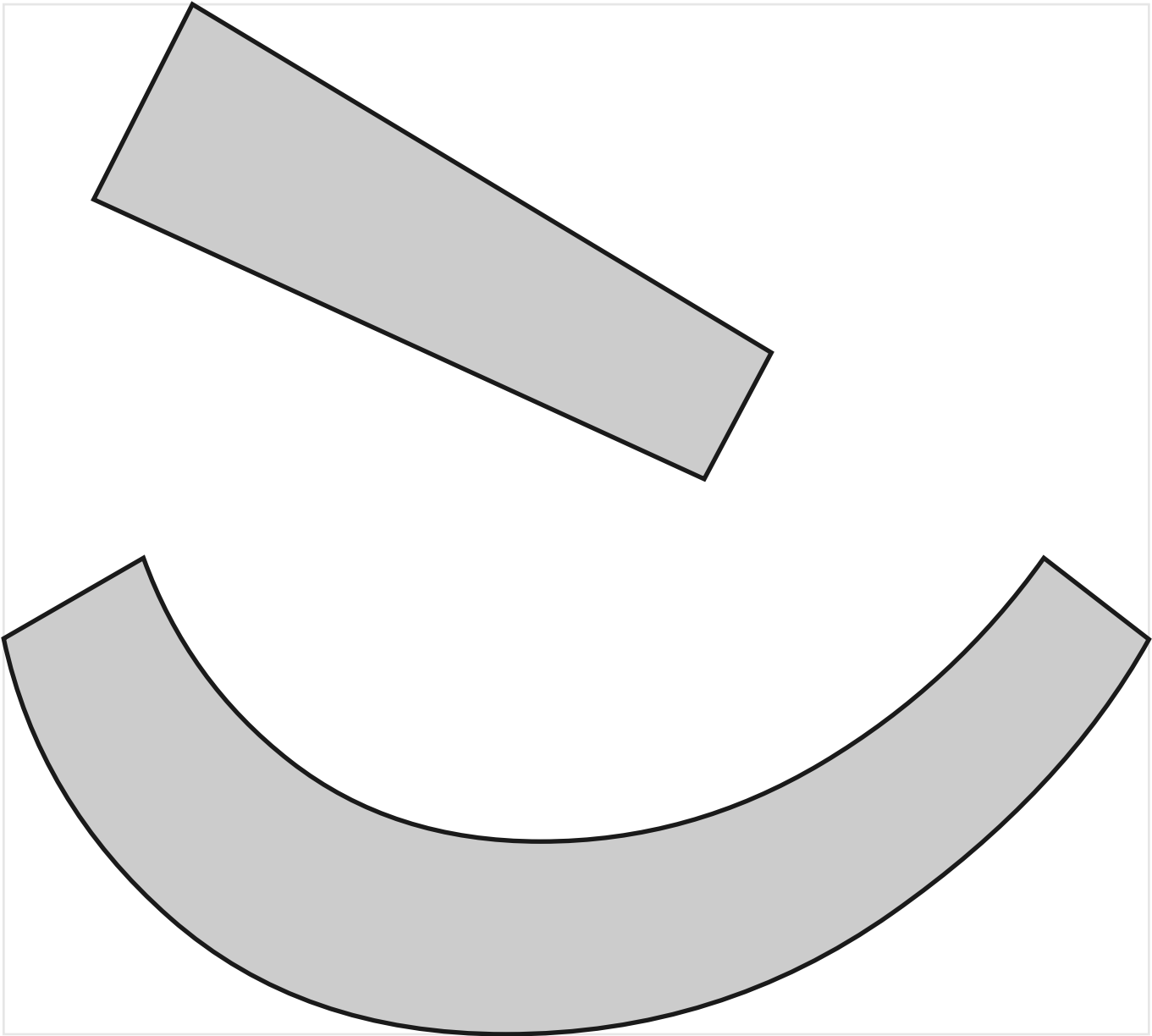
midway interpolation



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

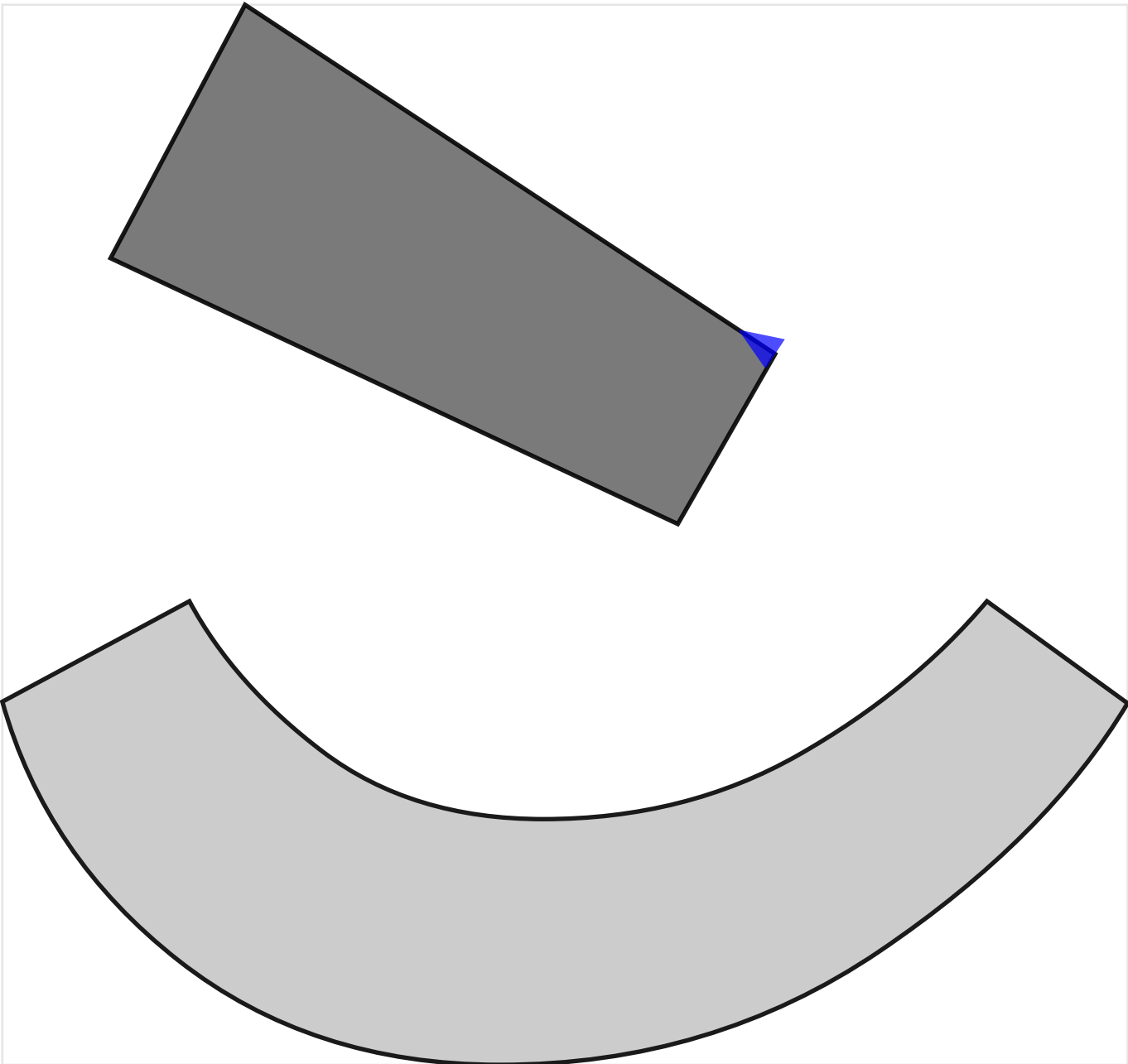


proposed fix

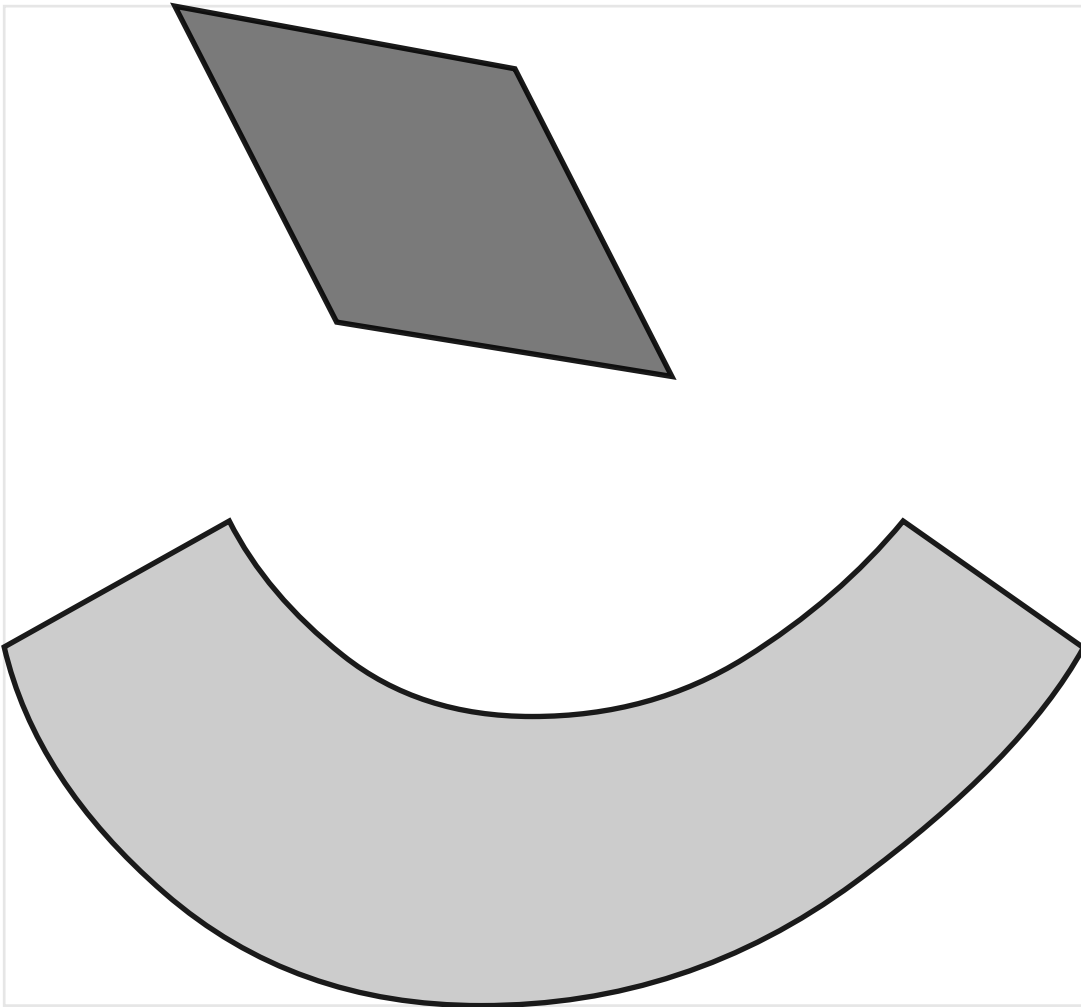


underweight, wrong\_start\_point

'slnt=-10.0 width=151.0'

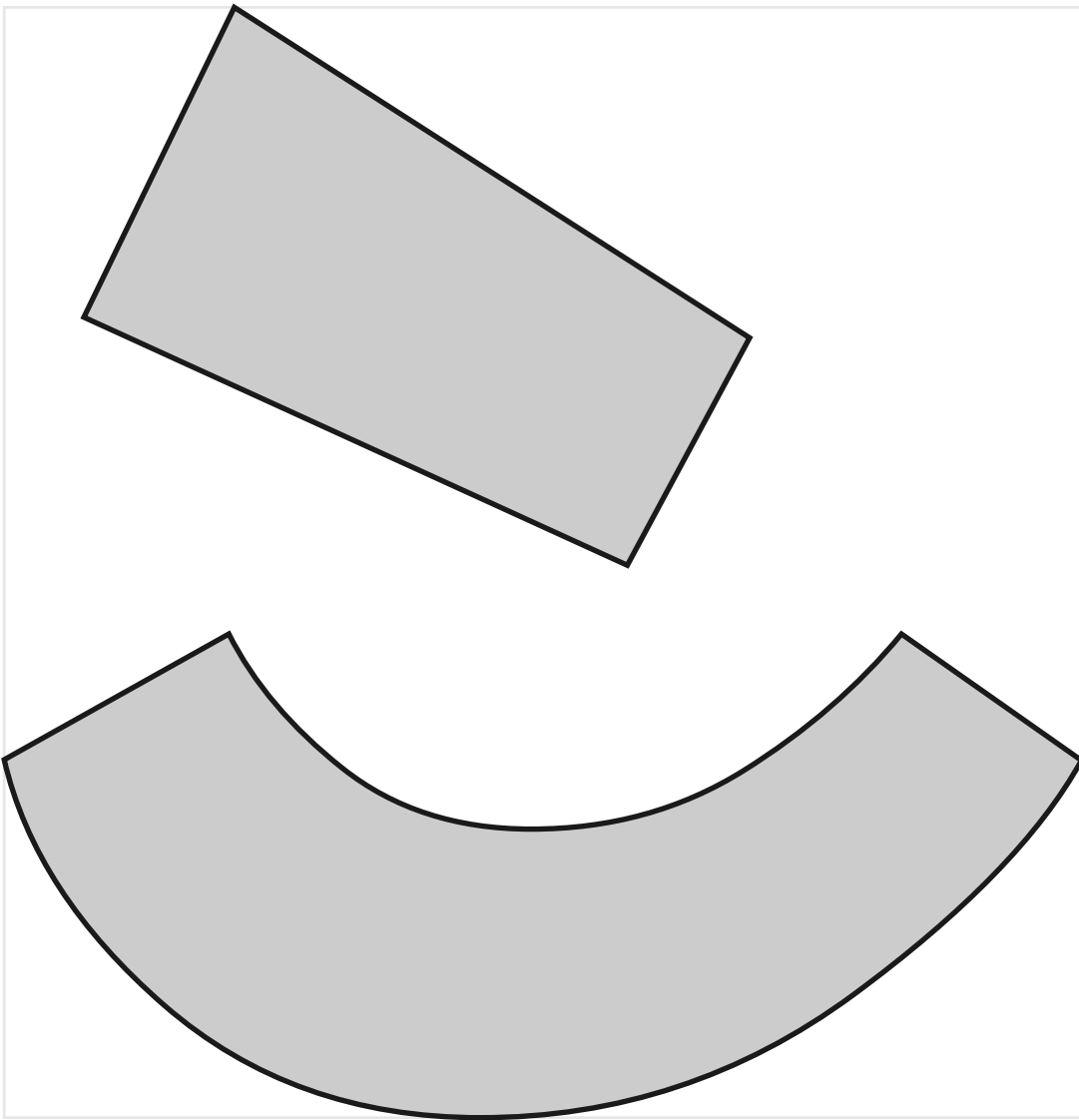
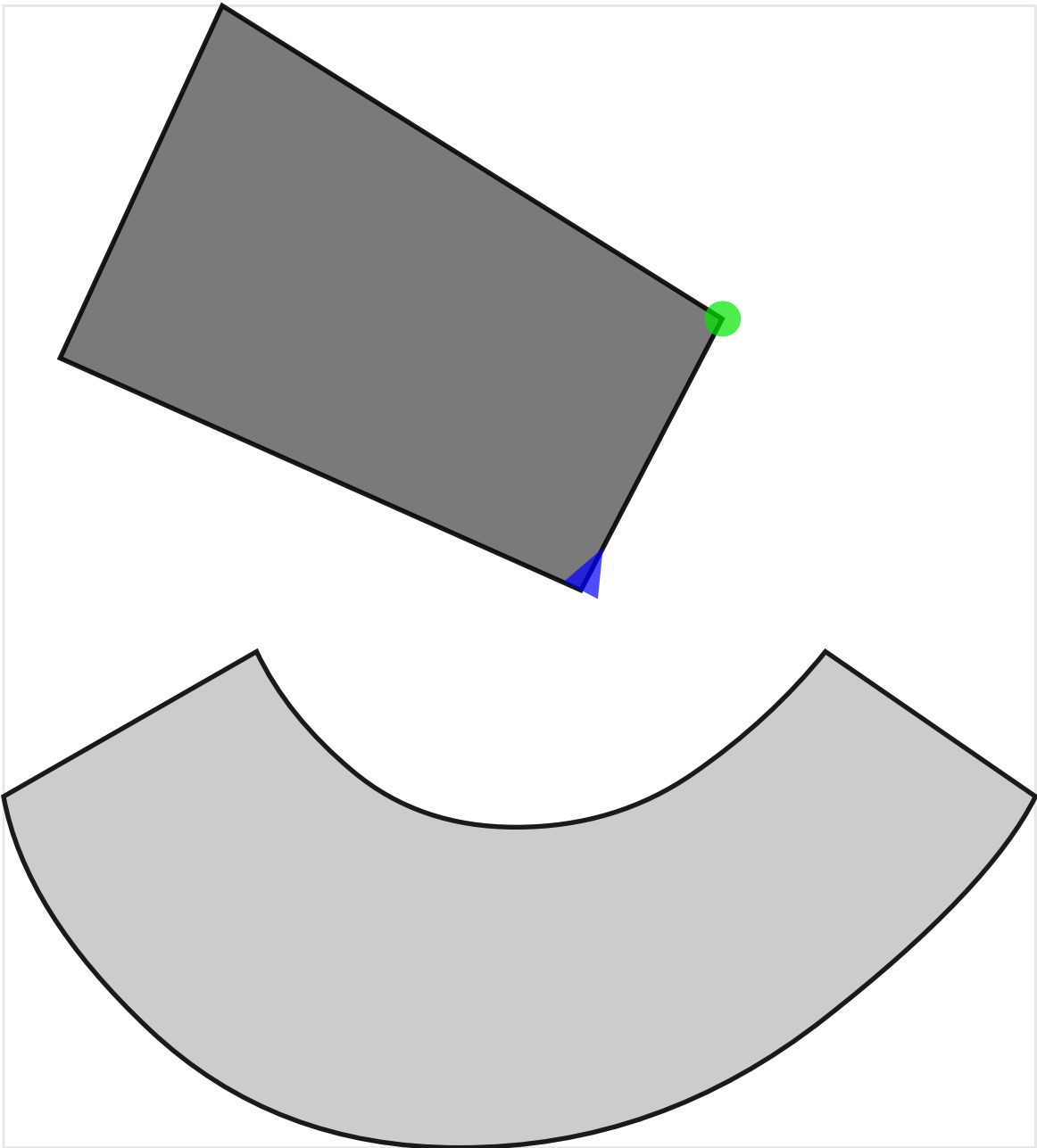


midway interpolation



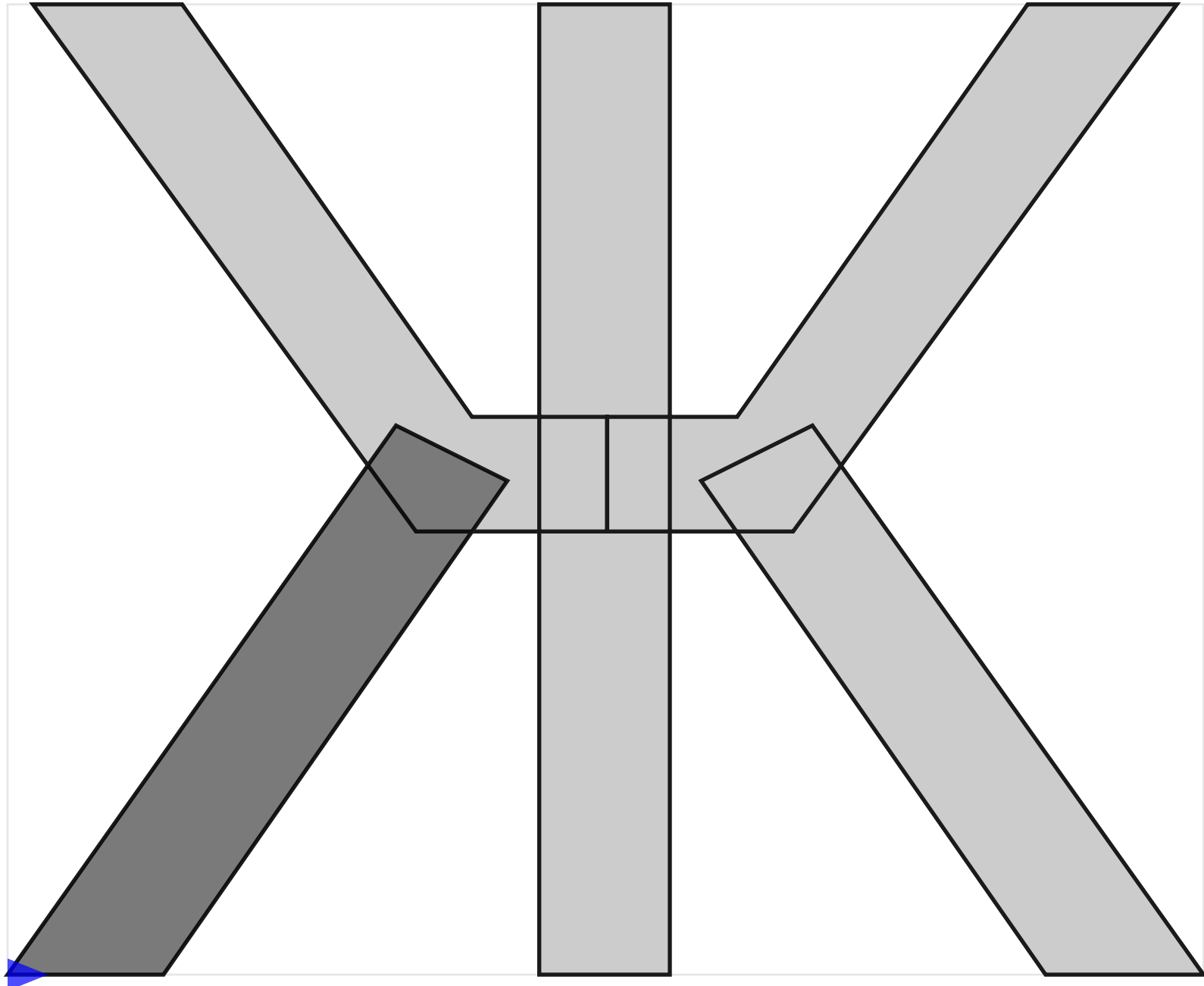
'slnt=-10.0 width=151.0 wght=1000.0'

proposed fix

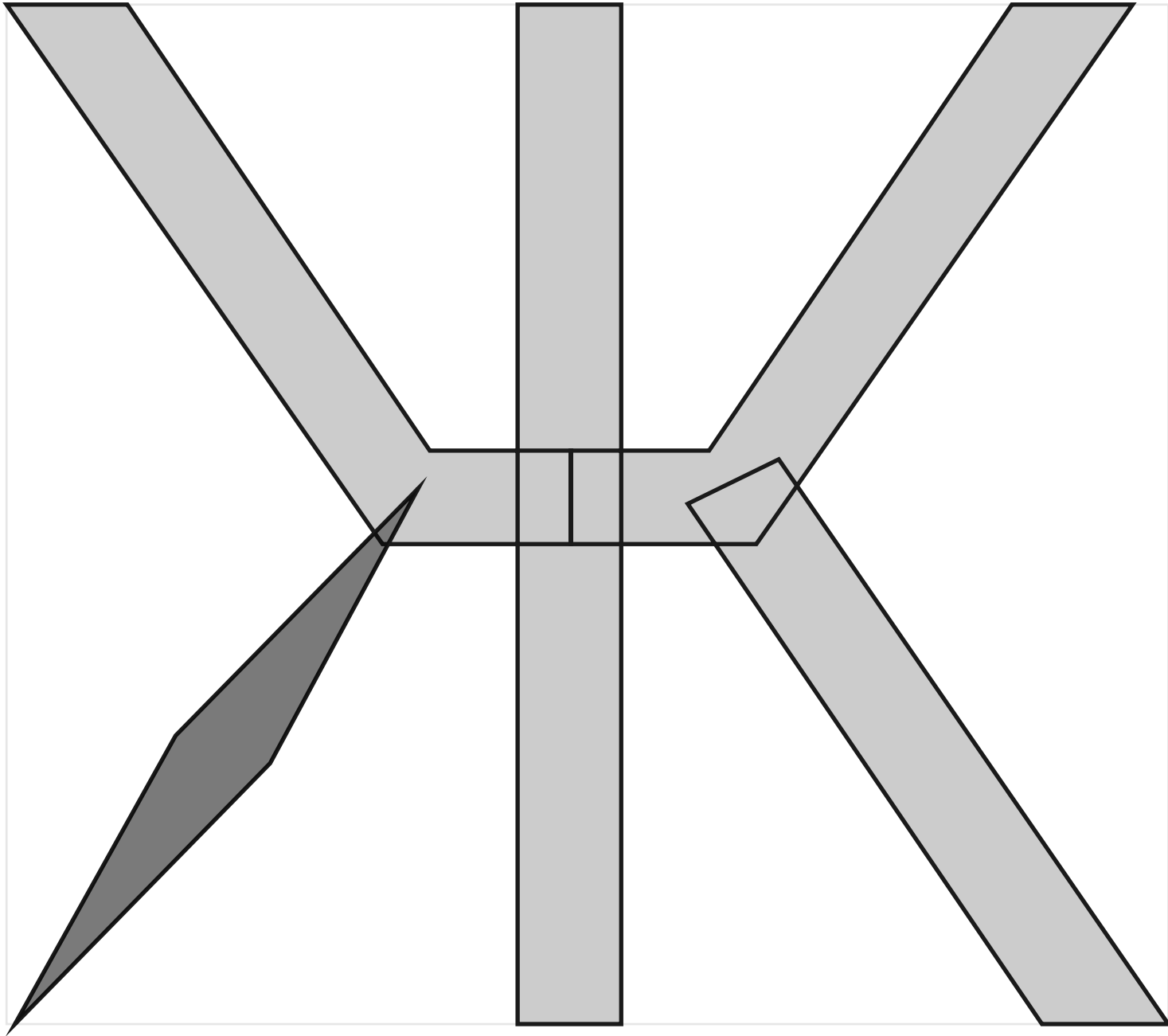


underweight, wrong\_start\_point

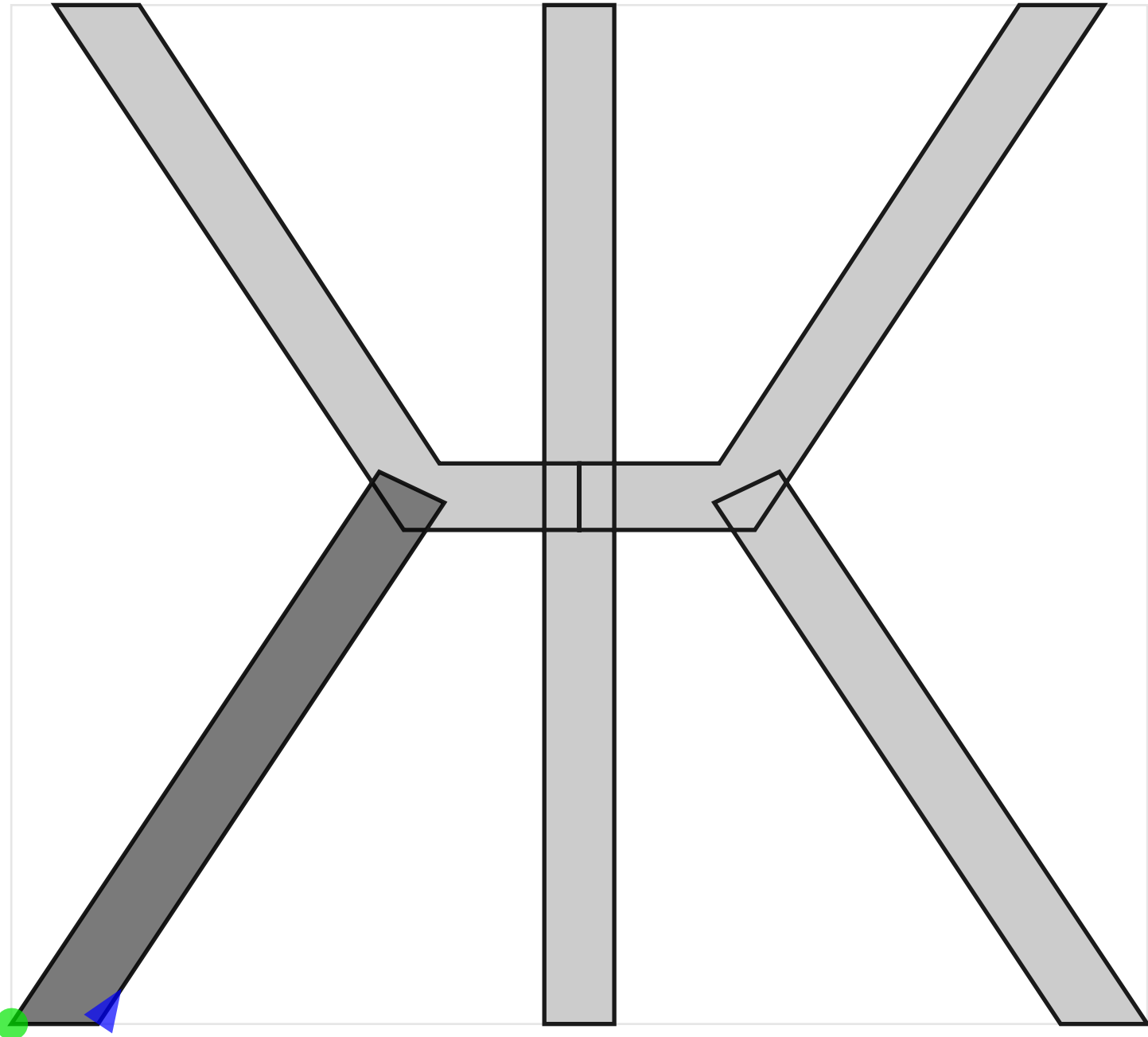
'opsz=8.0 width=25.0'



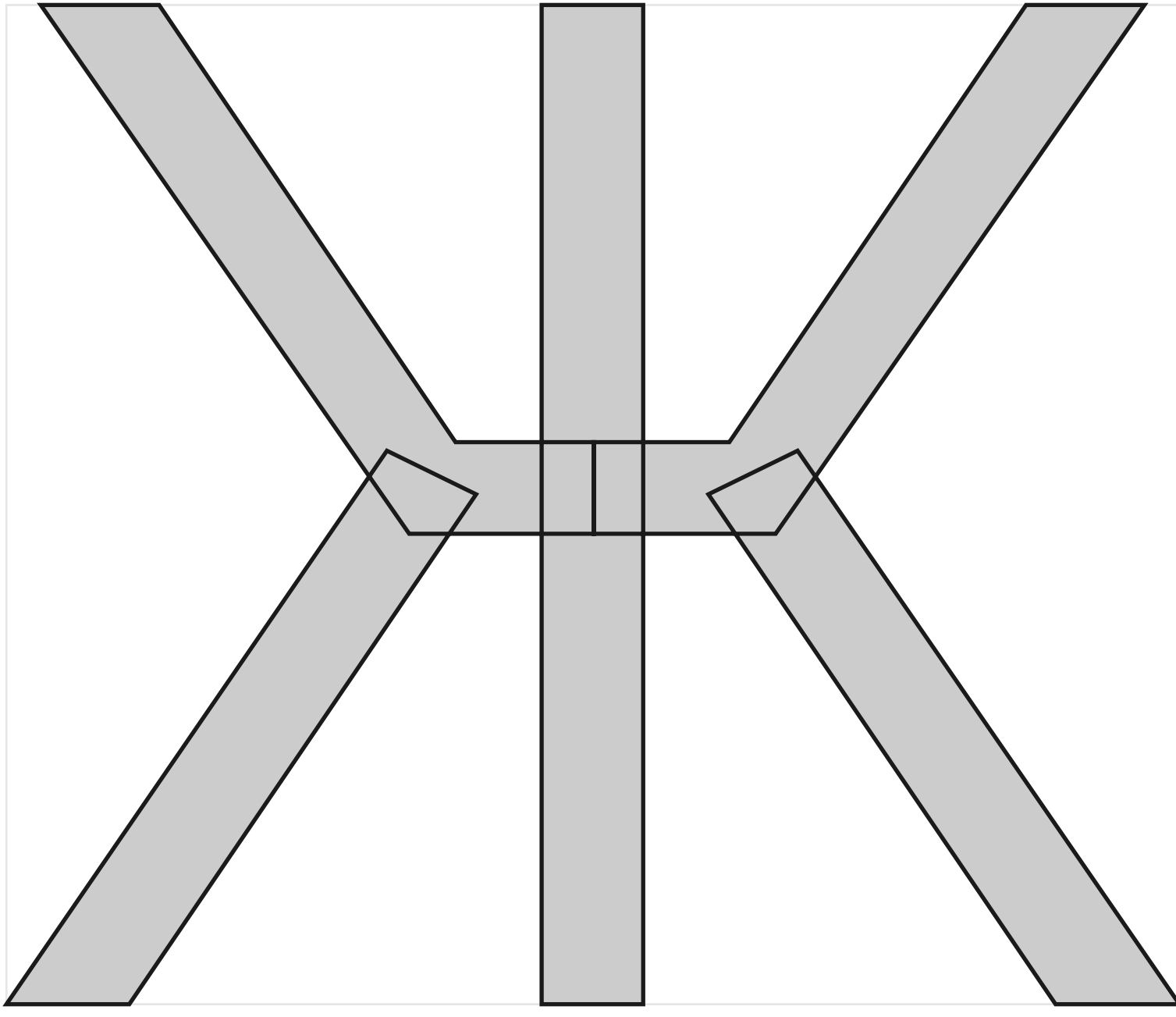
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

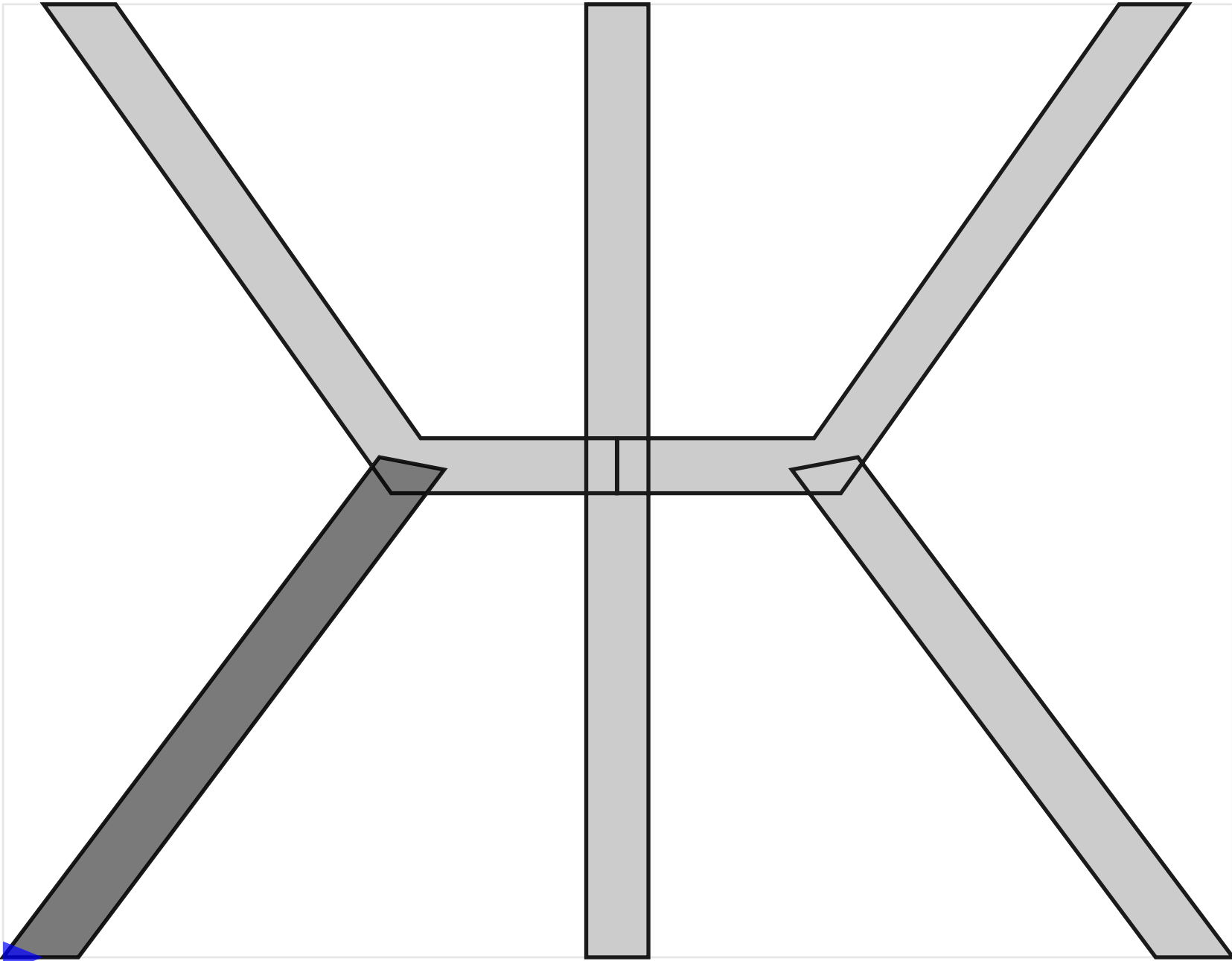


proposed fix

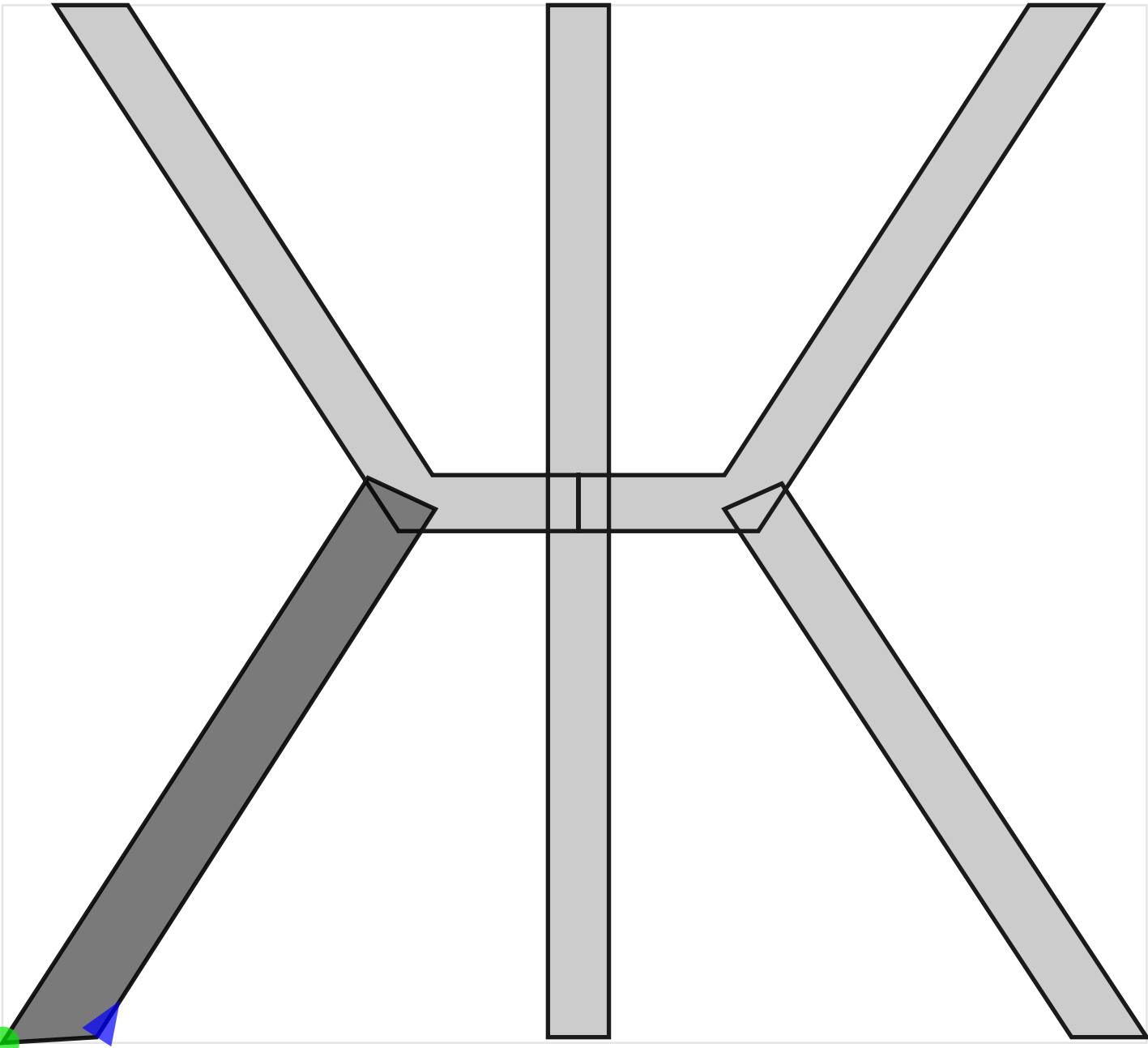


underweight, wrong\_start\_point

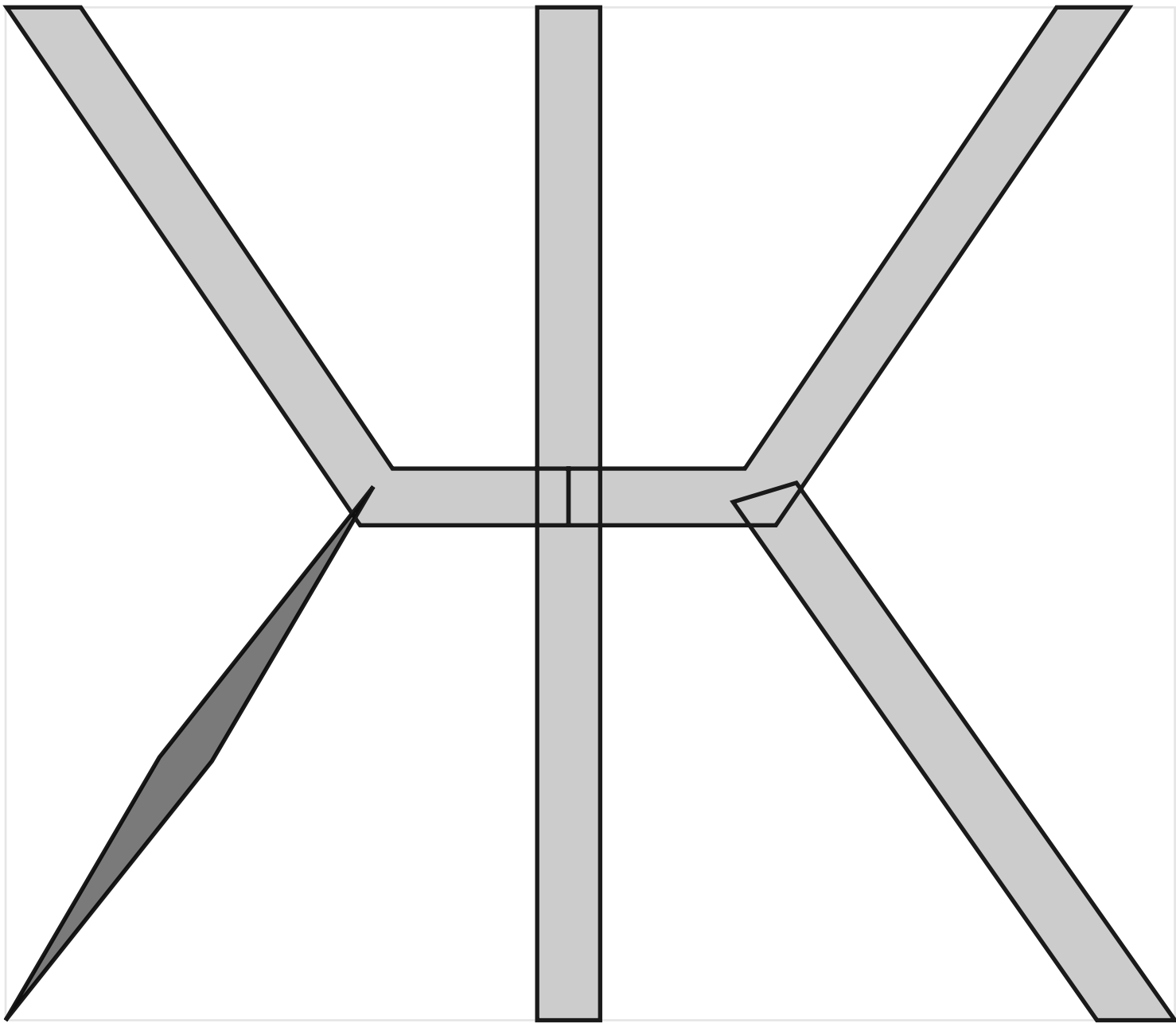
'GRAD=-200.0 opsz=8.0 wght=100.0'



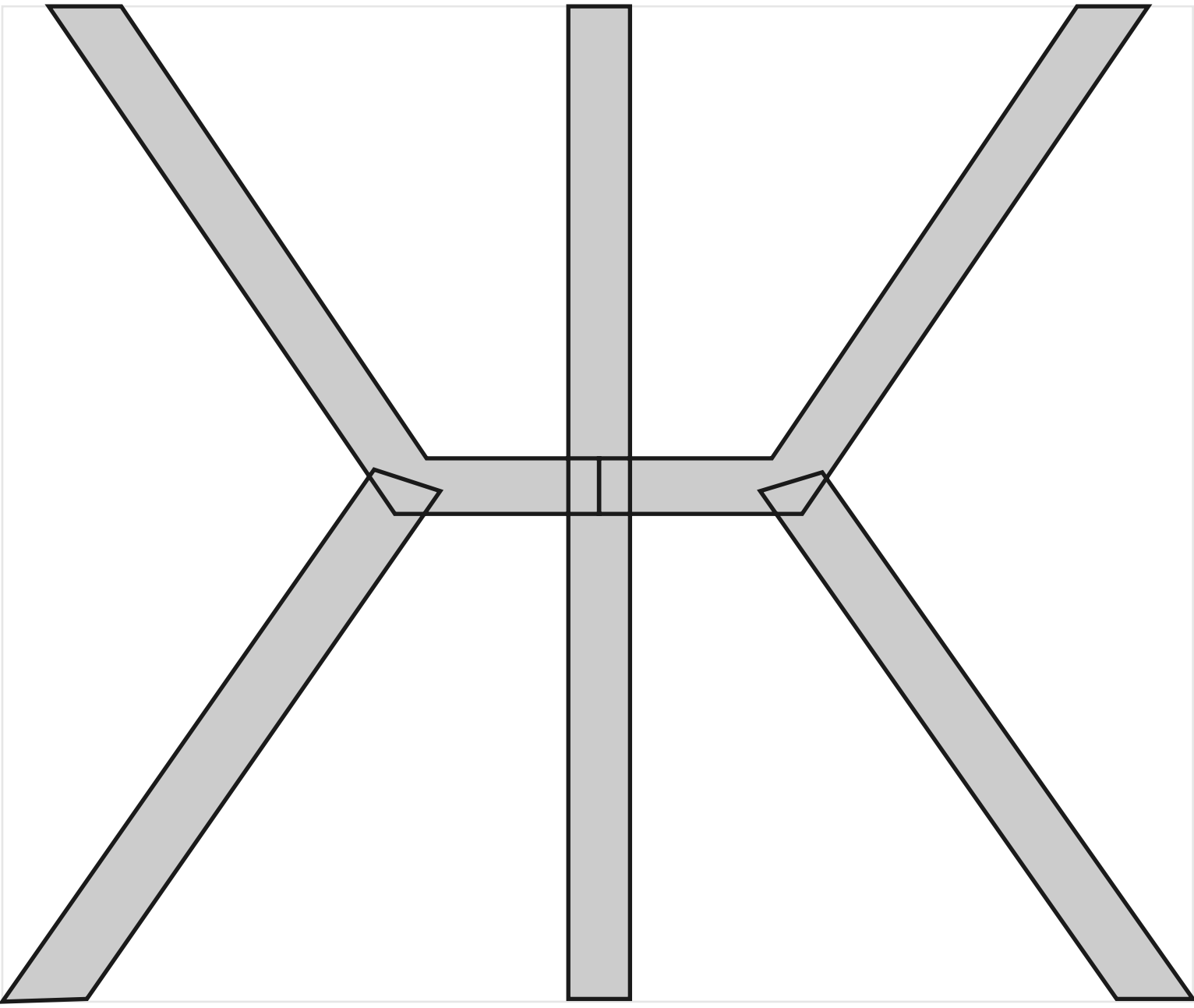
'GRAD=-200.0 opsz=8.0 width=25.0 wght=100.0'



midway interpolation

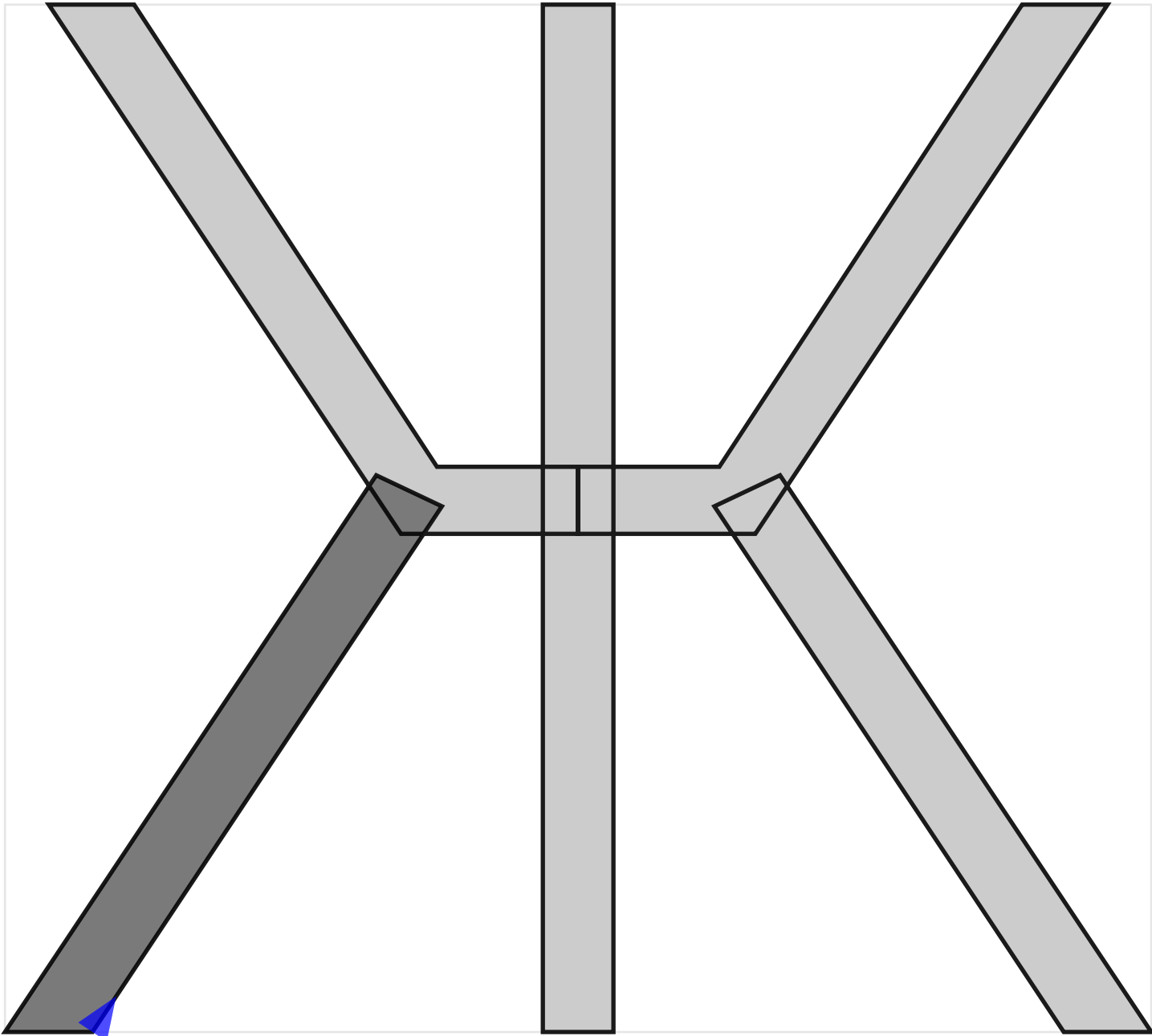


proposed fix

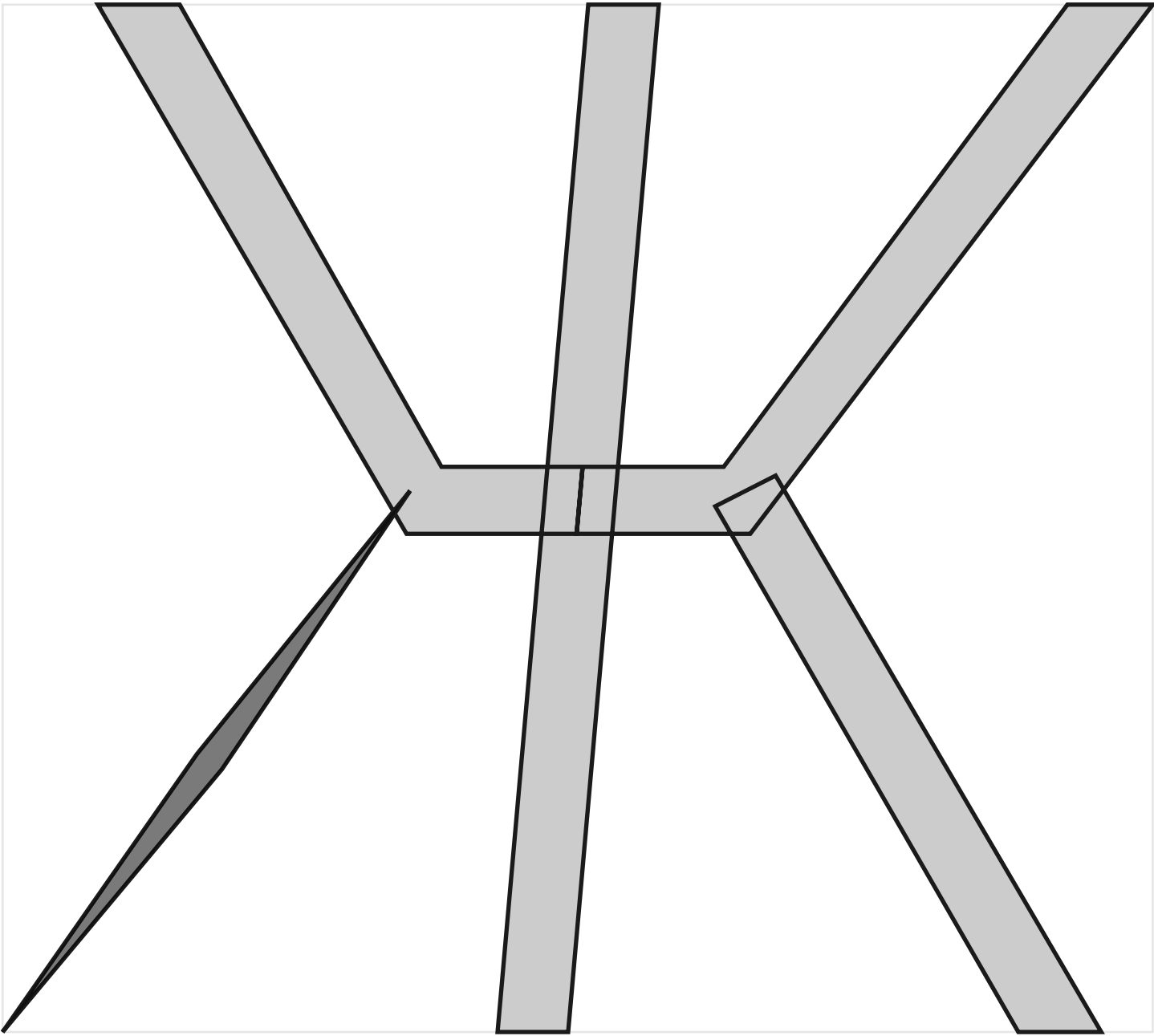


underweight, wrong\_start\_point

'opsz=8.0 width=25.0 wght=100.0'

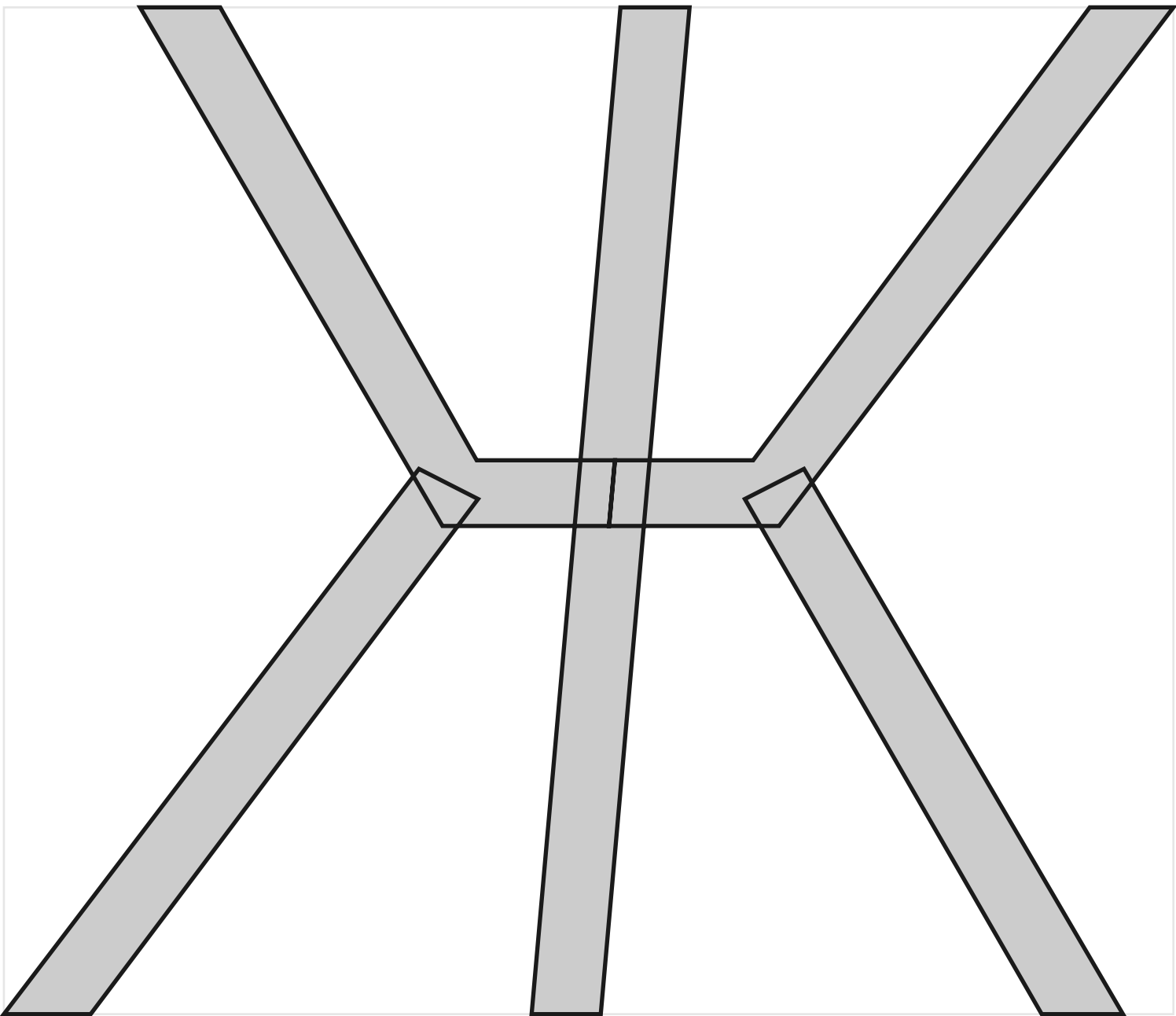
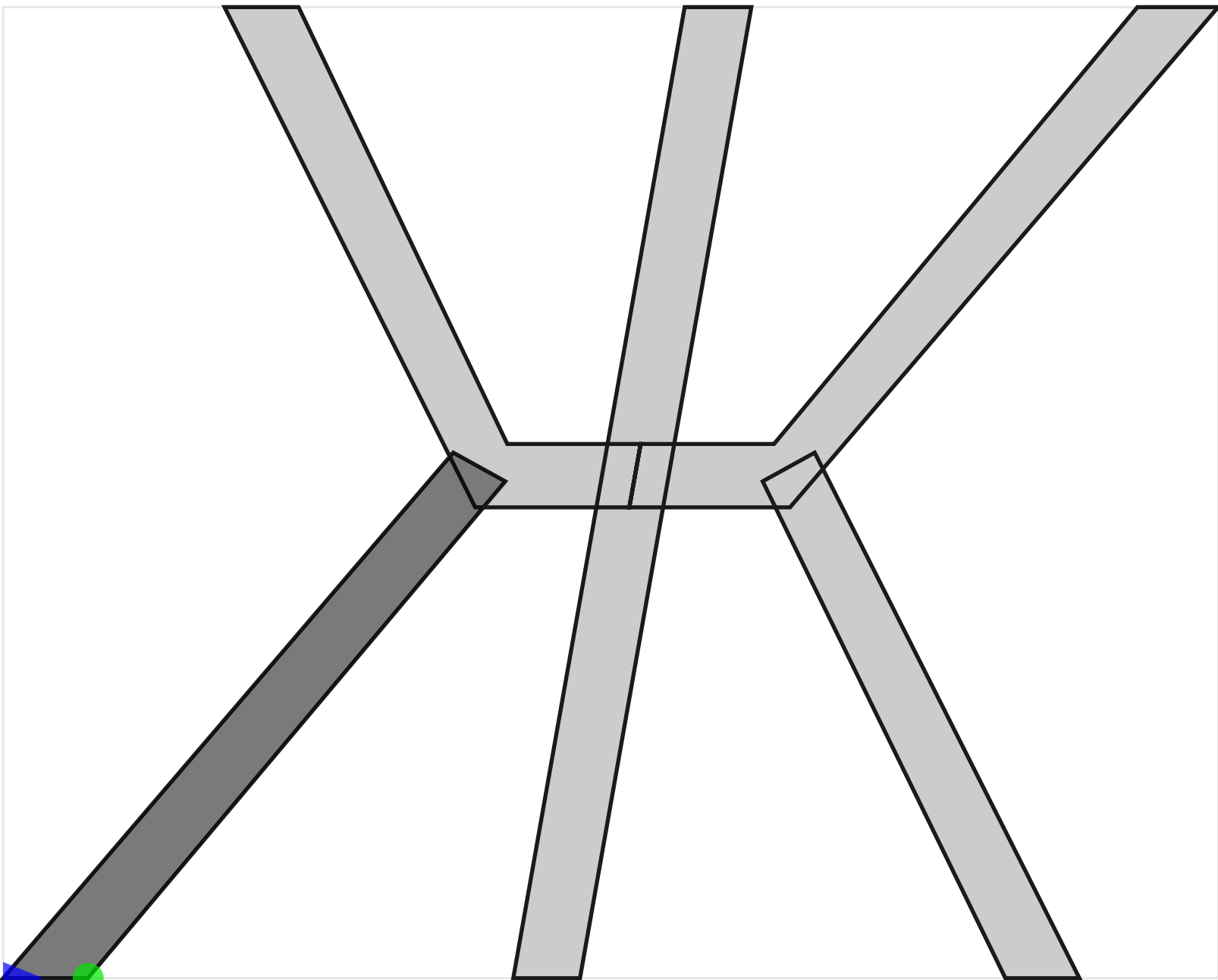


midway interpolation



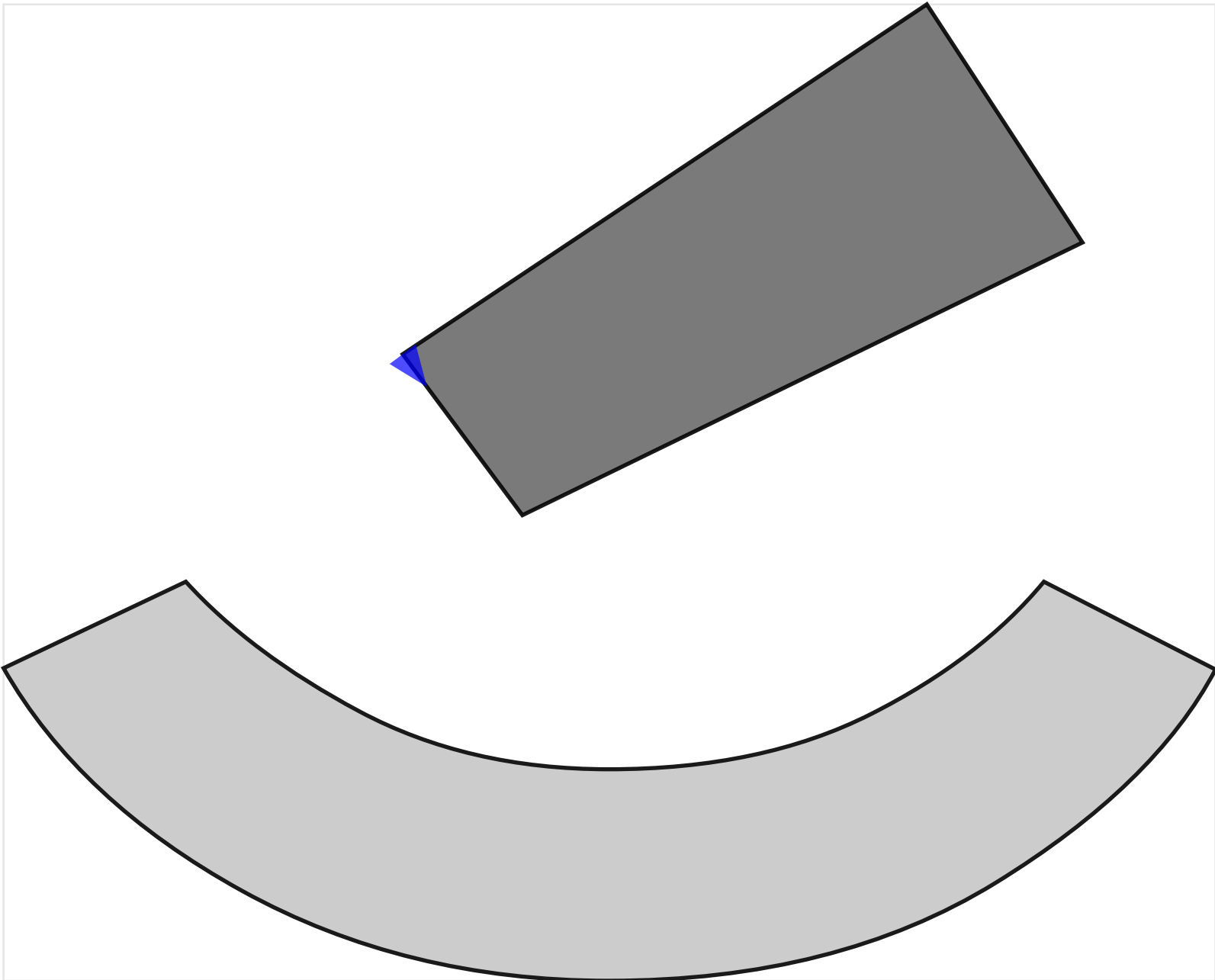
'opsz=8.0 slnt=-10.0 width=25.0 wght=100.0'

proposed fix

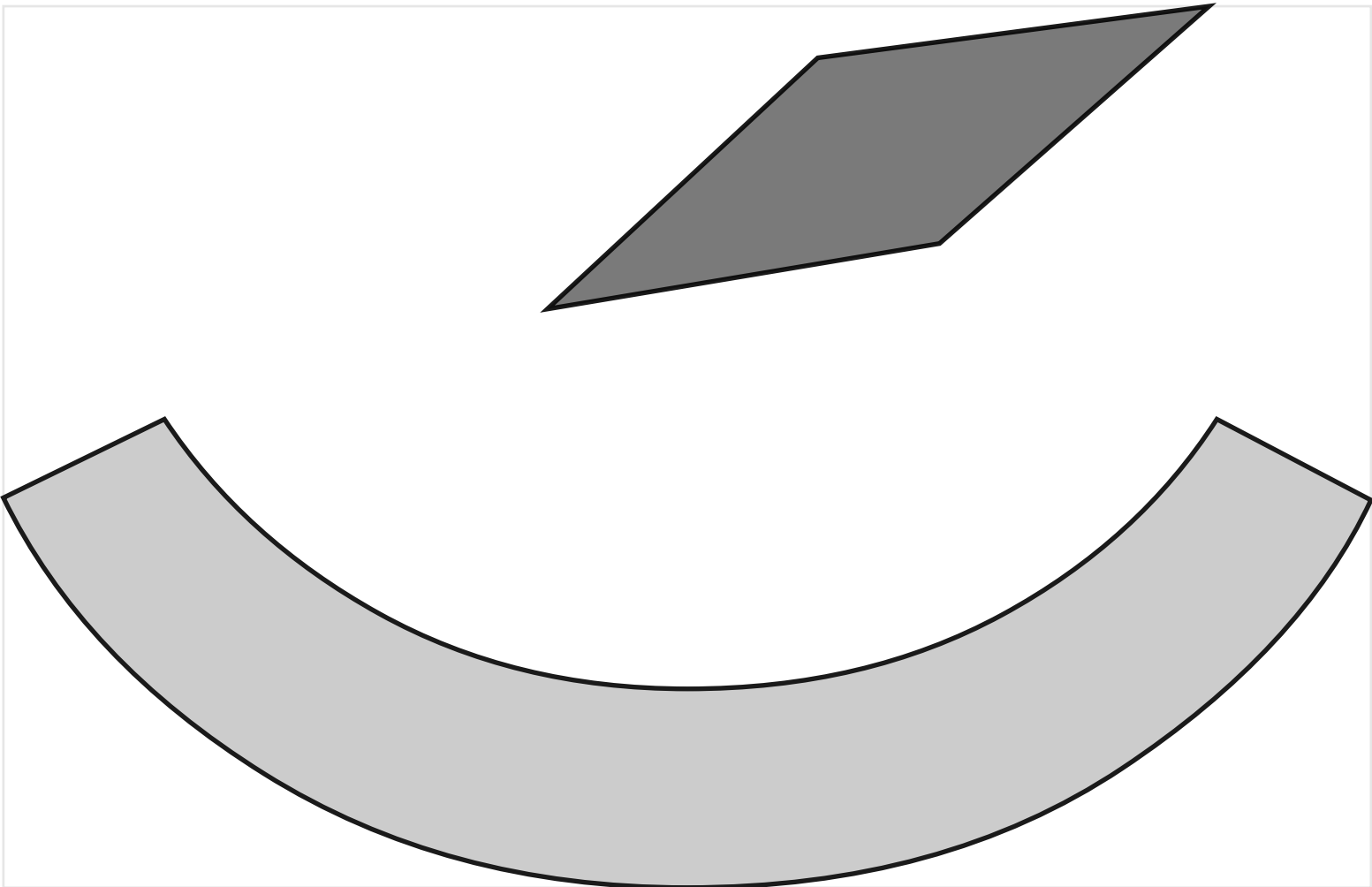


underweight, wrong\_start\_point

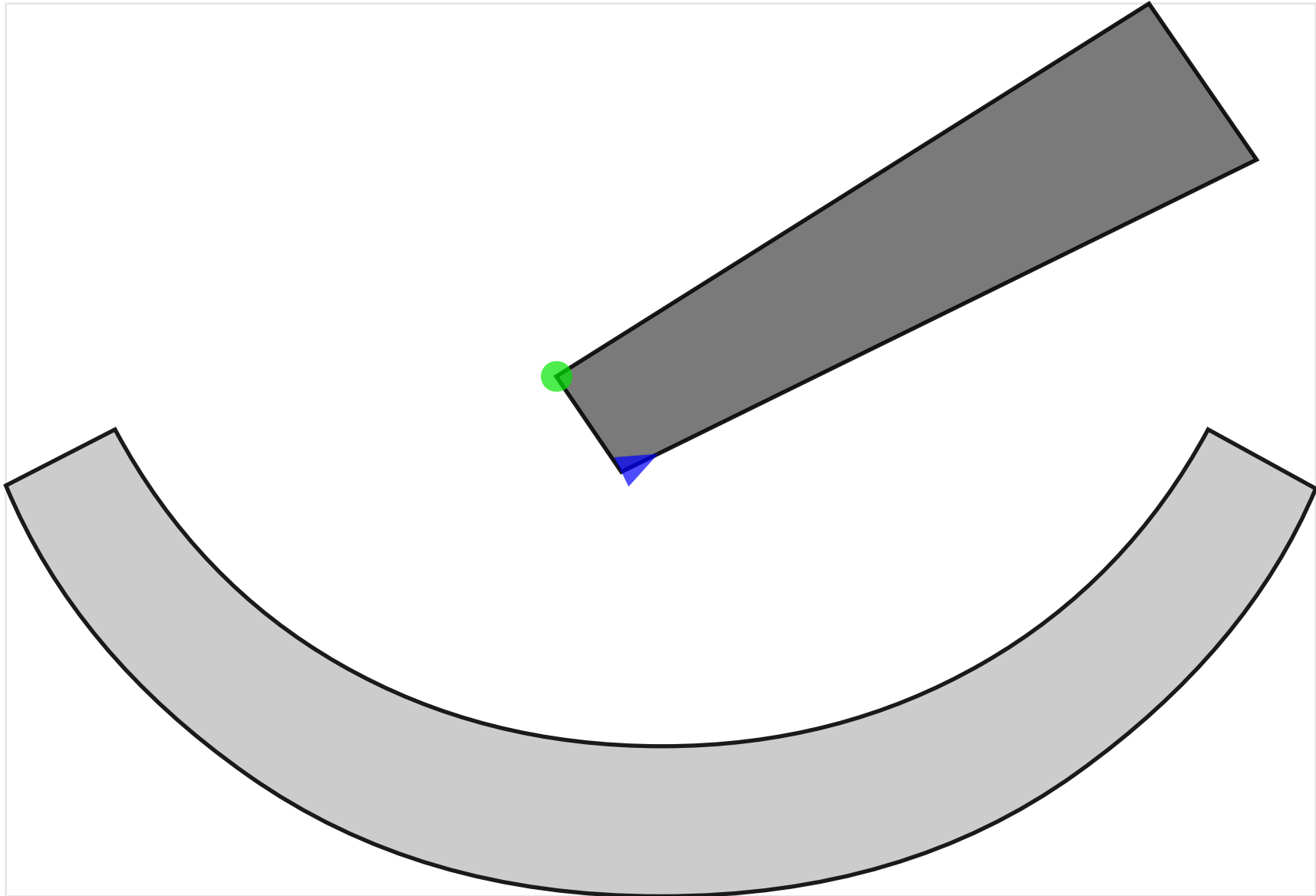
'opsz=8.0 width=151.0'



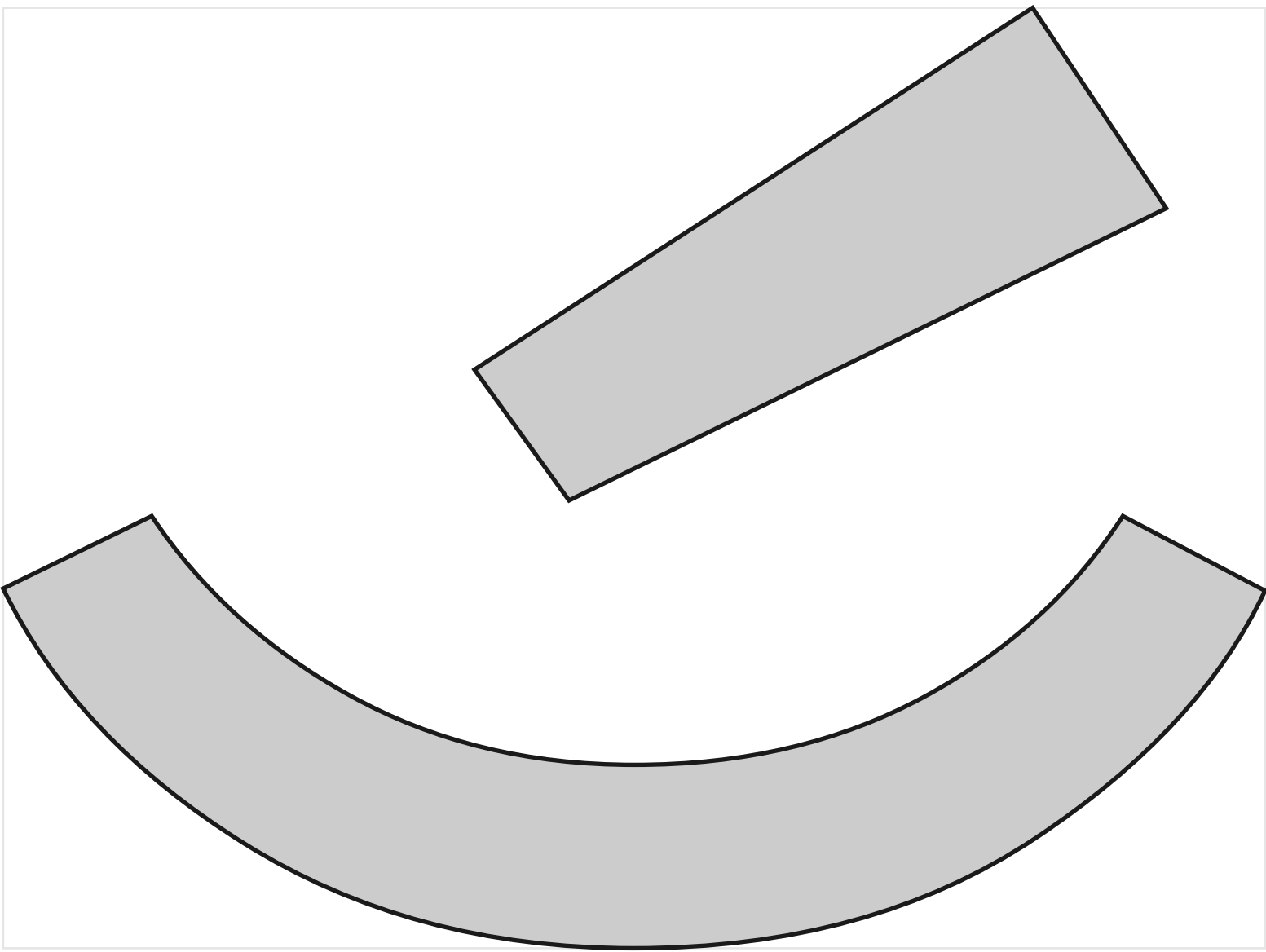
midway interpolation



'opsz=8.0 width=151.0 wght=100.0'



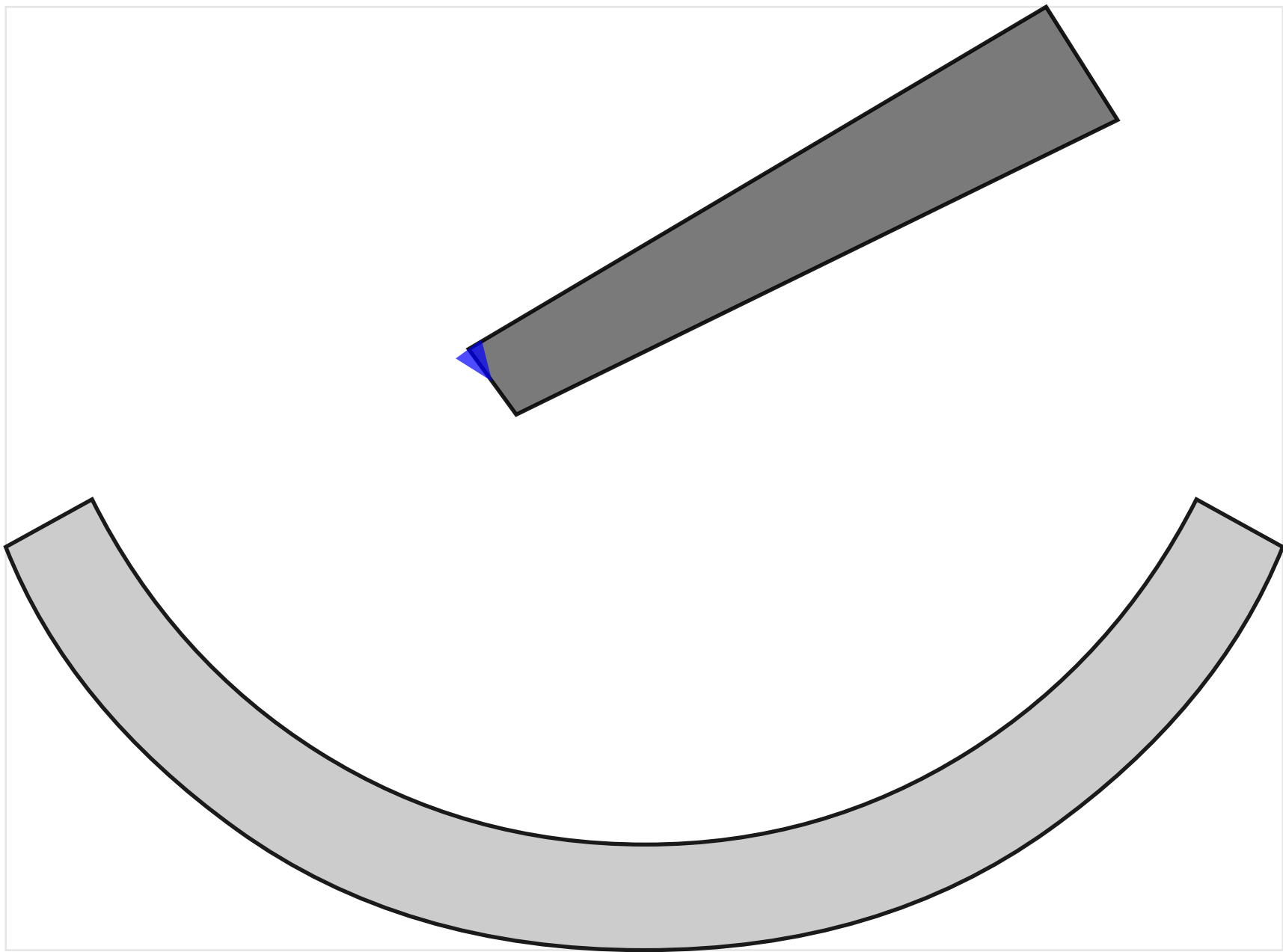
proposed fix



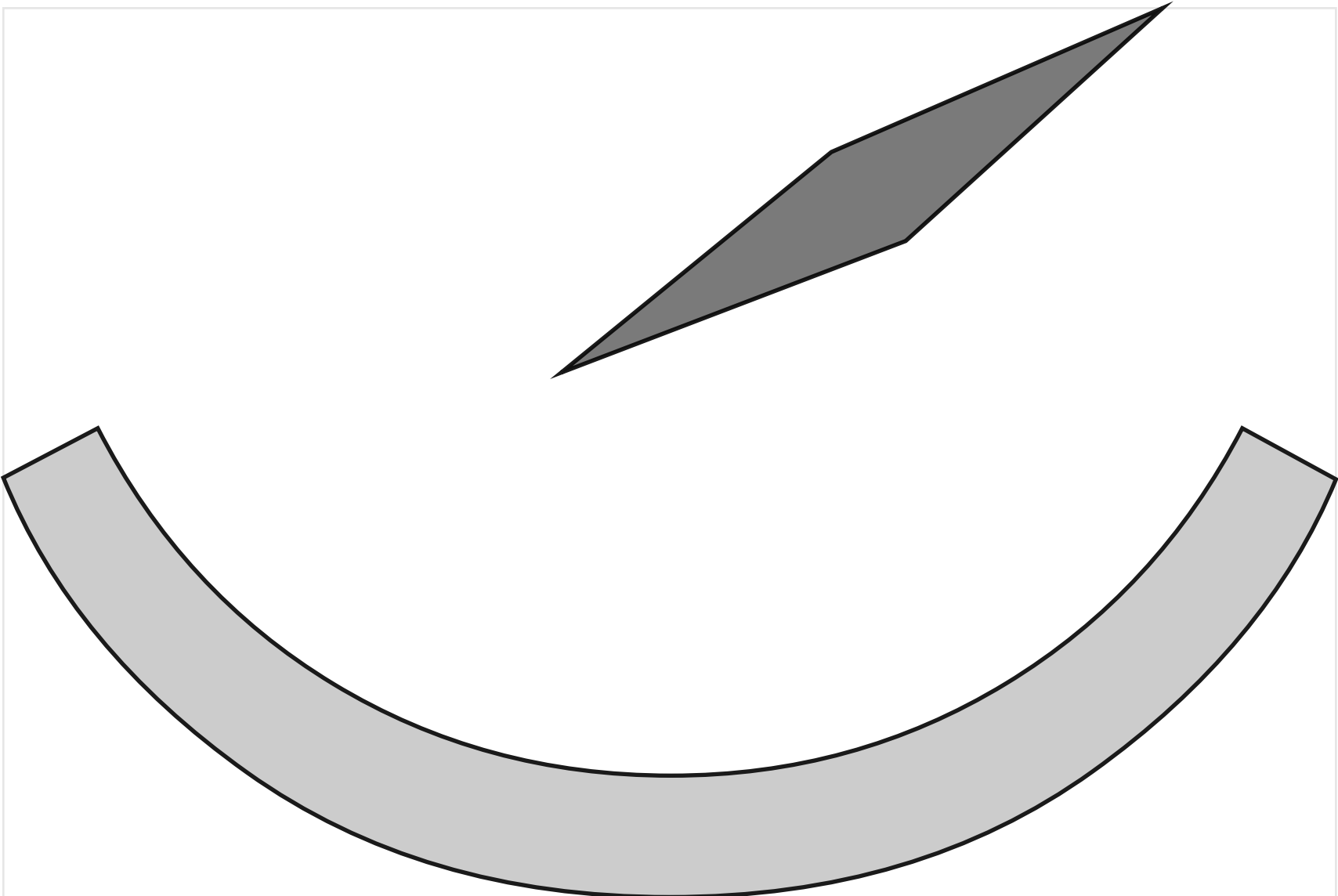


underweight, wrong\_start\_point

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

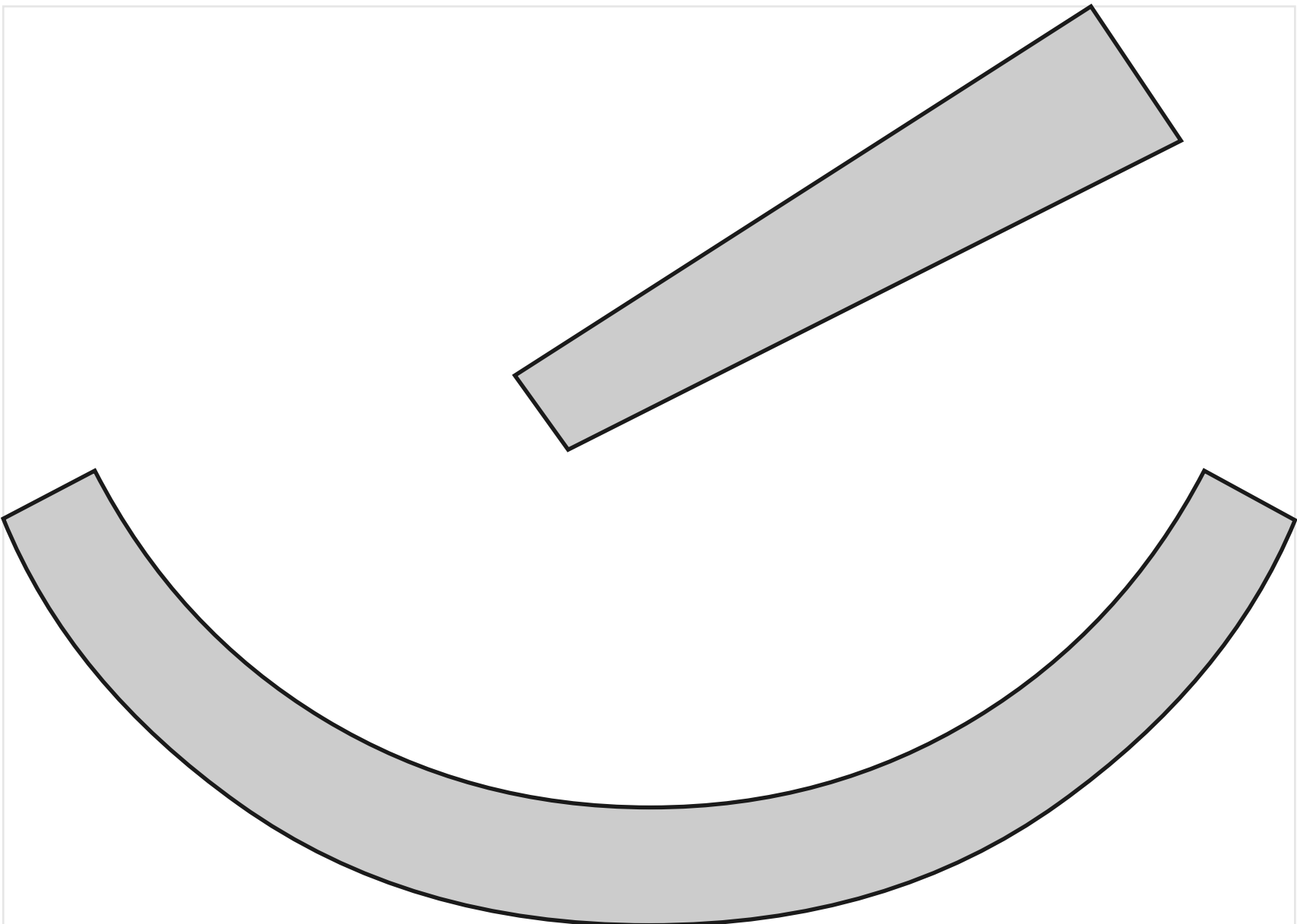
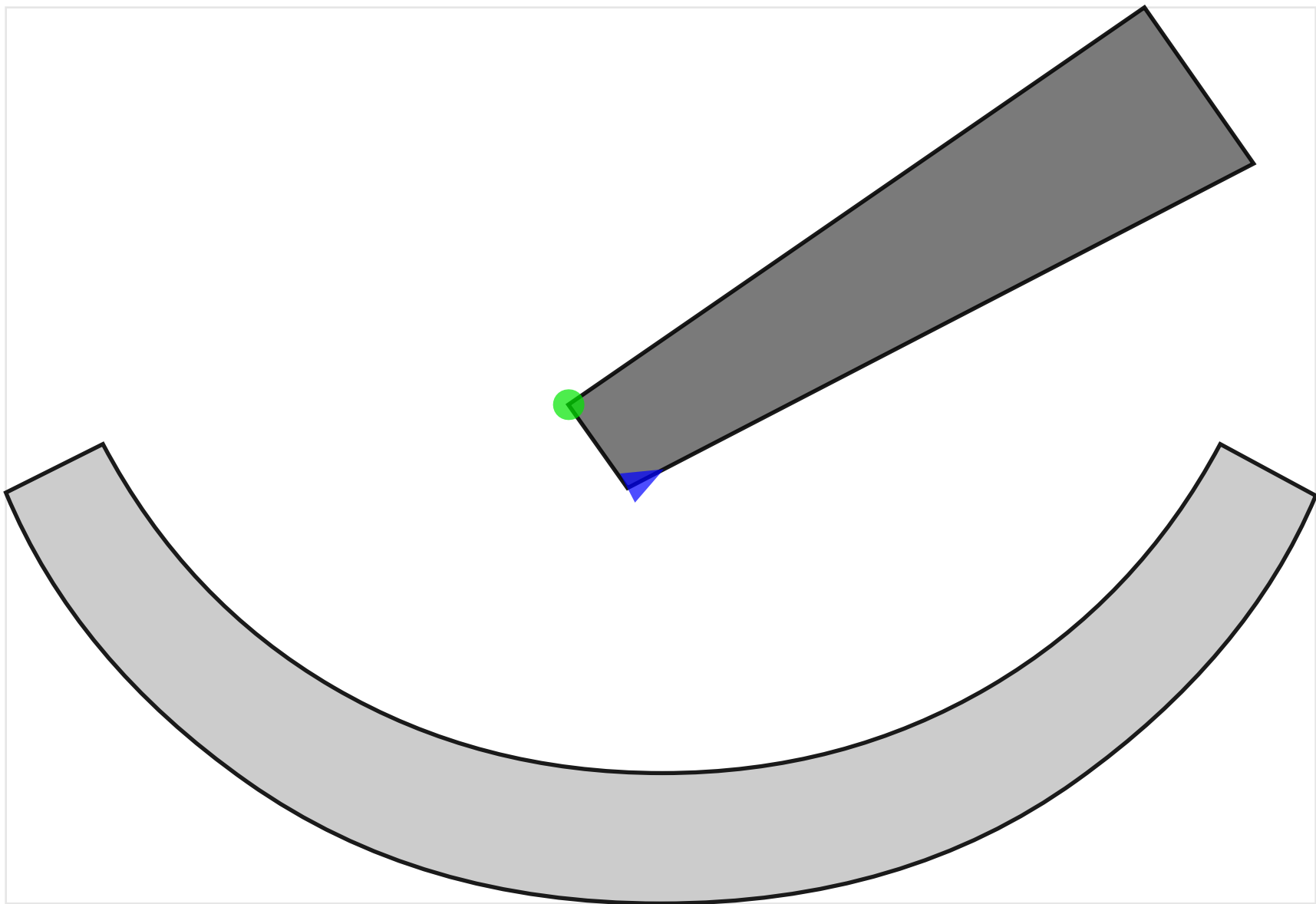


midway interpolation



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

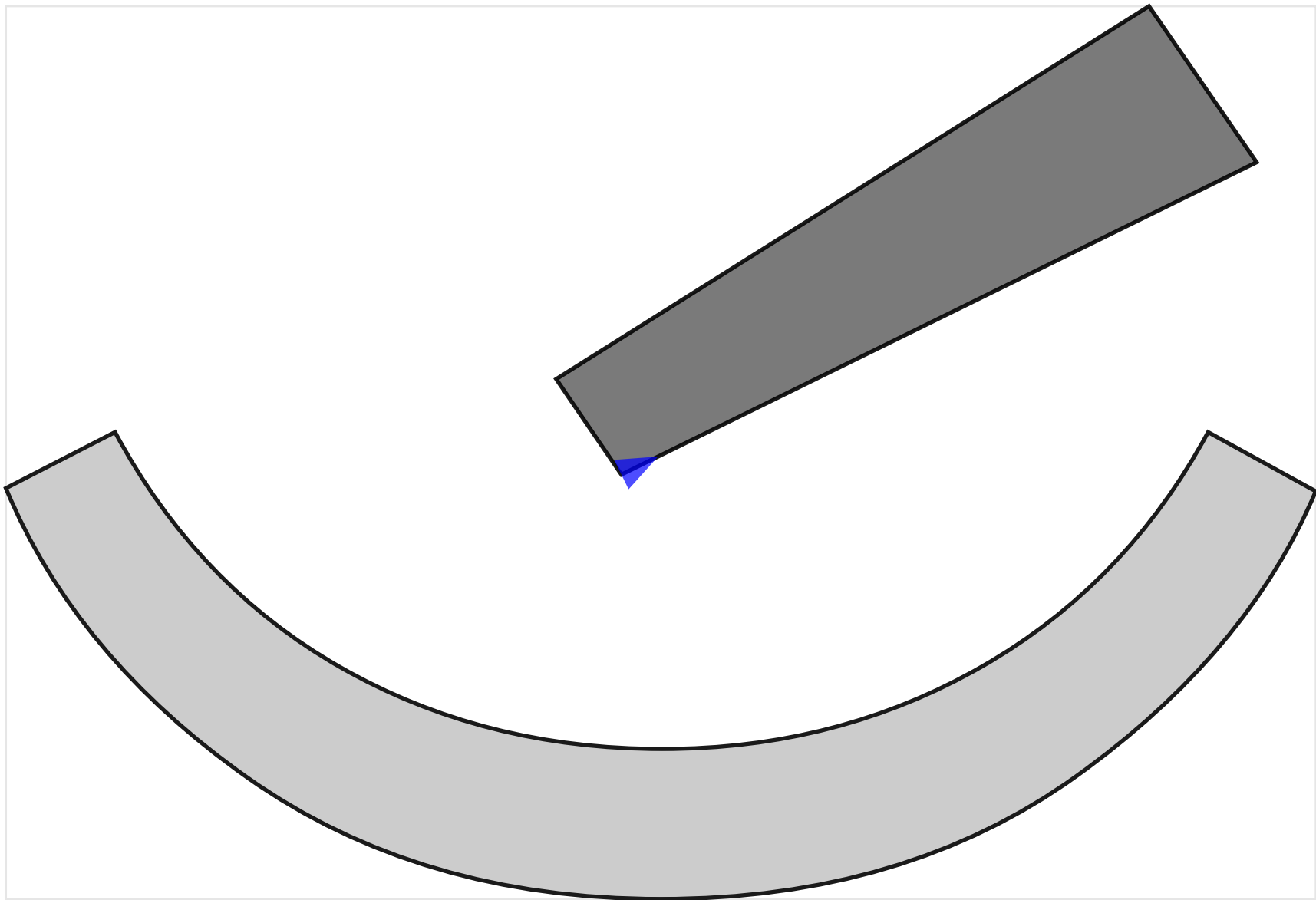
proposed fix



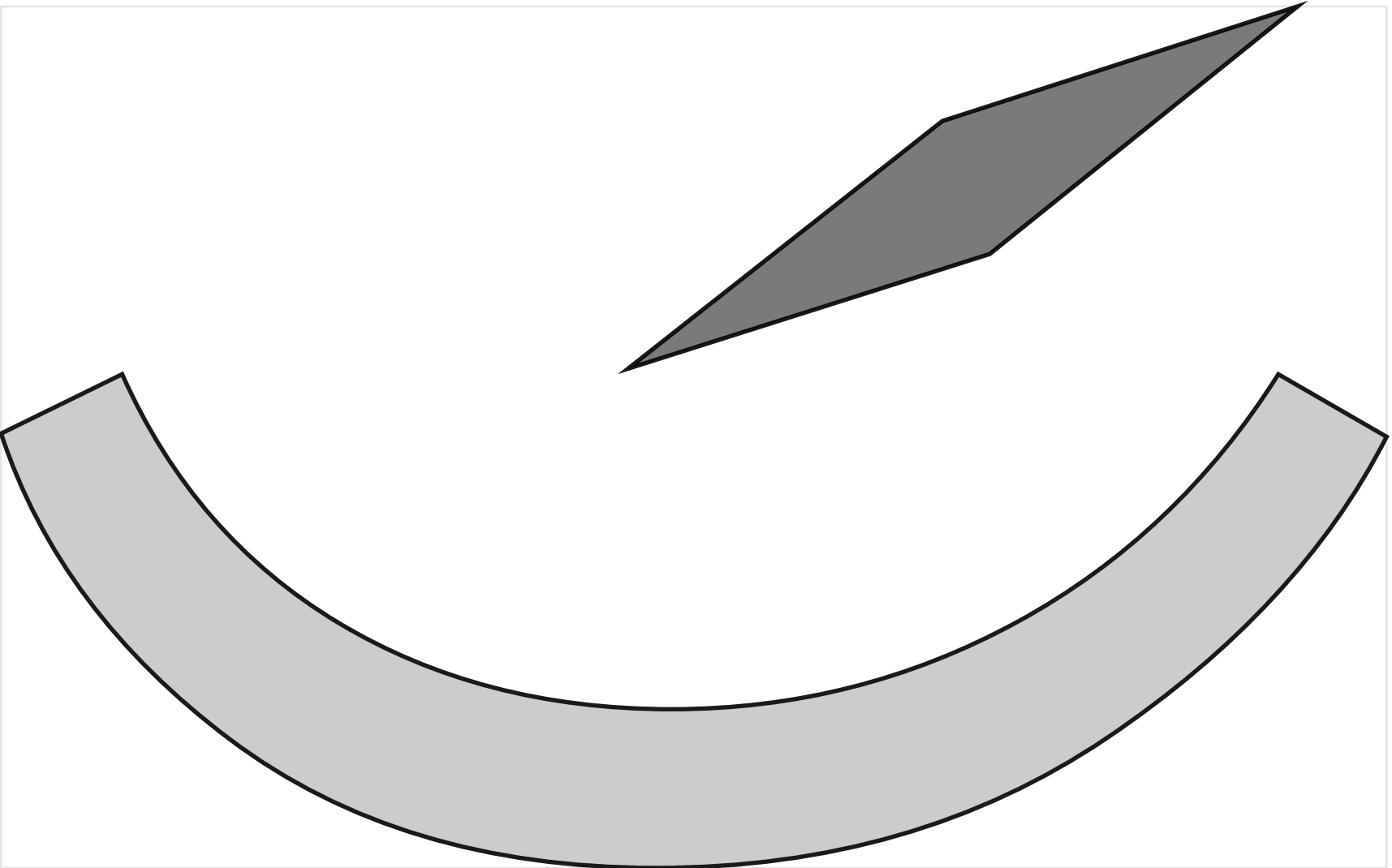


underweight, wrong\_start\_point

'opsz=8.0 width=151.0 wght=100.0'

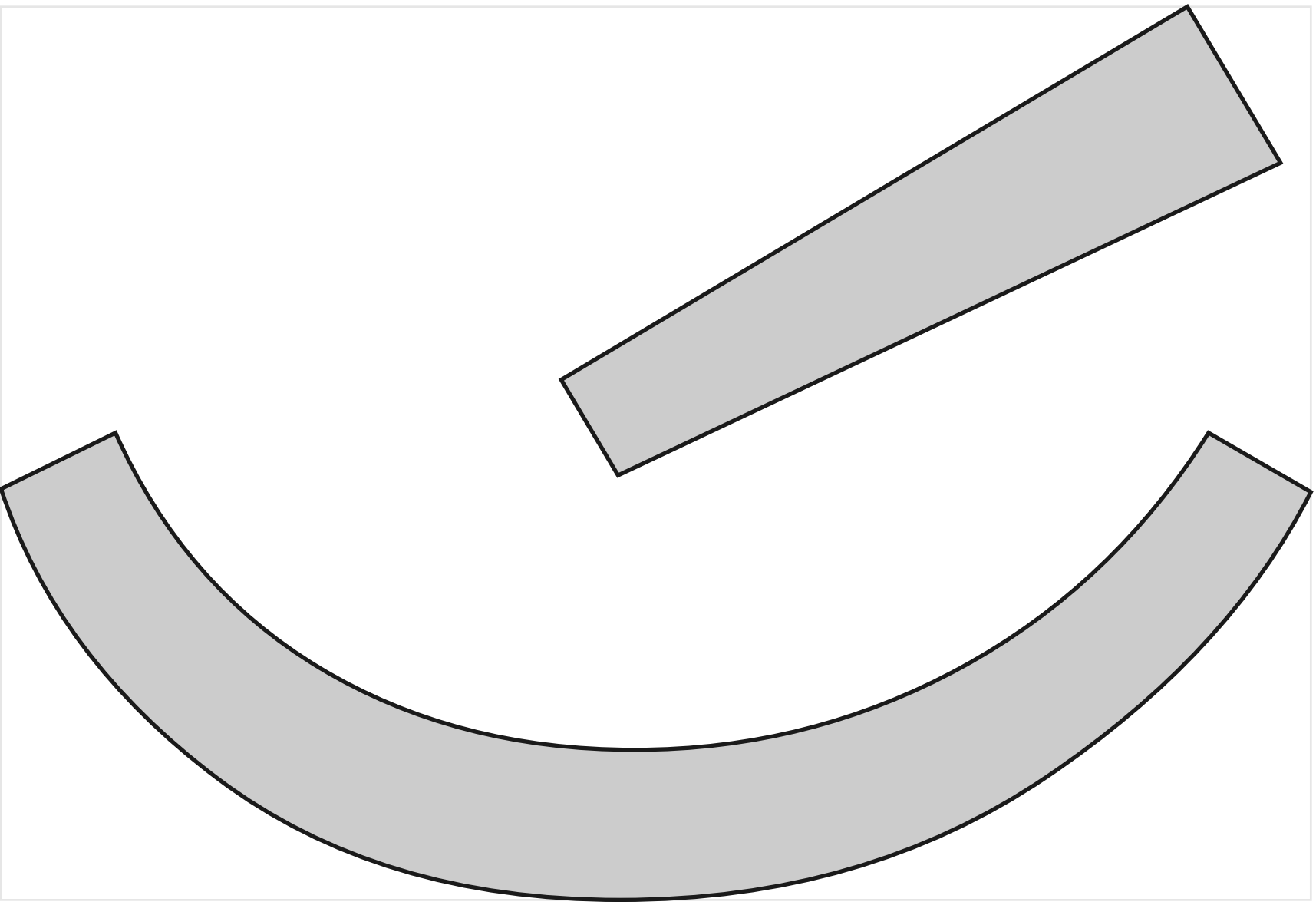
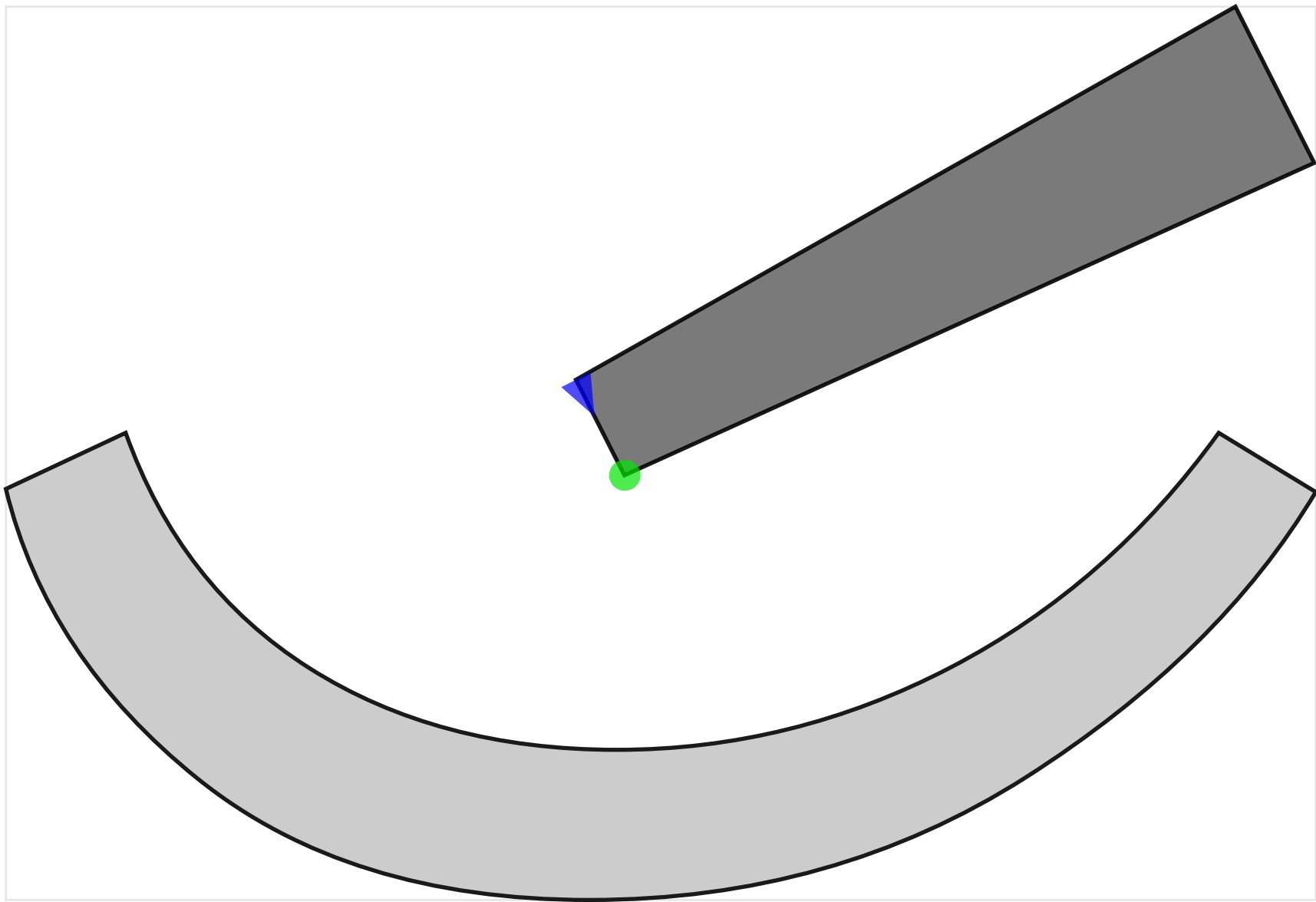


midway interpolation



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

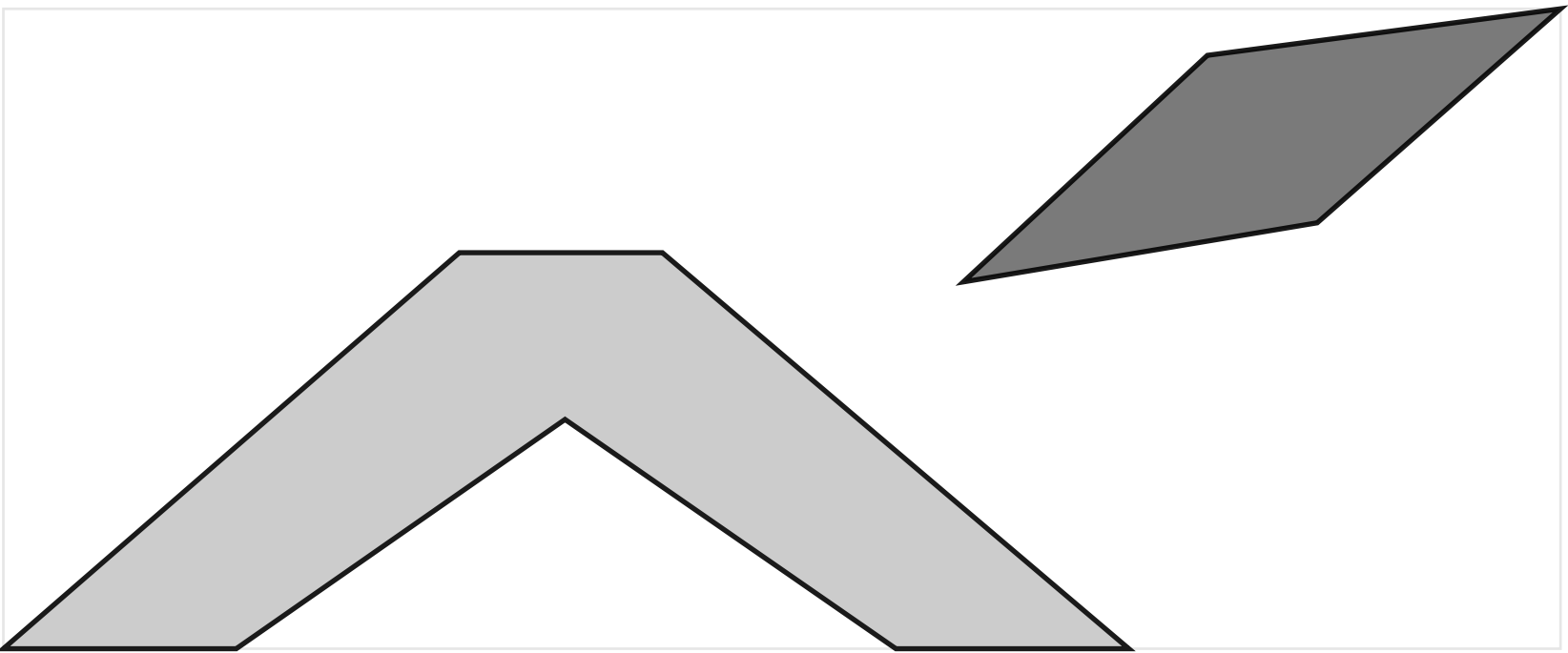
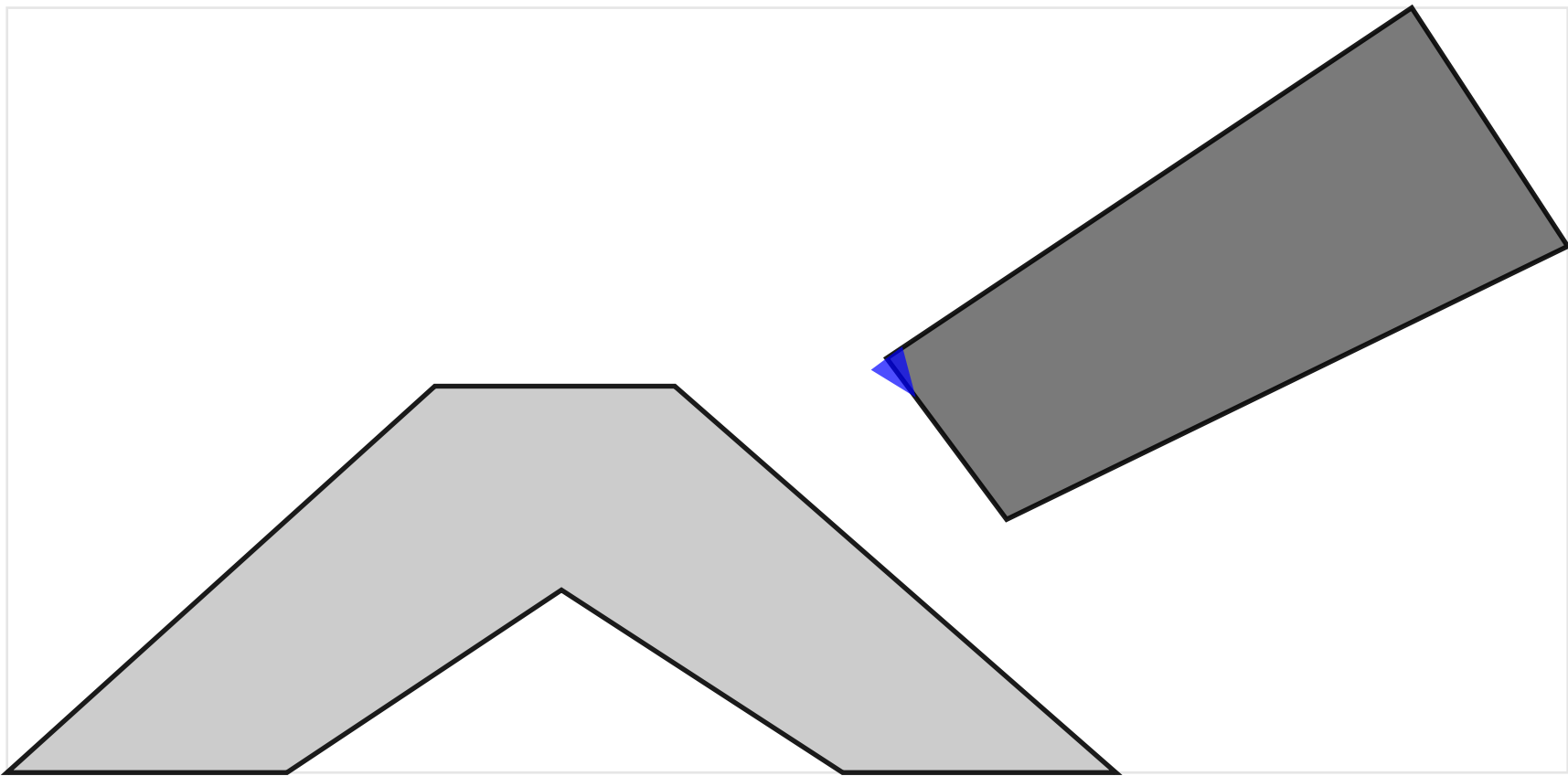
proposed fix



underweight, wrong\_start\_point

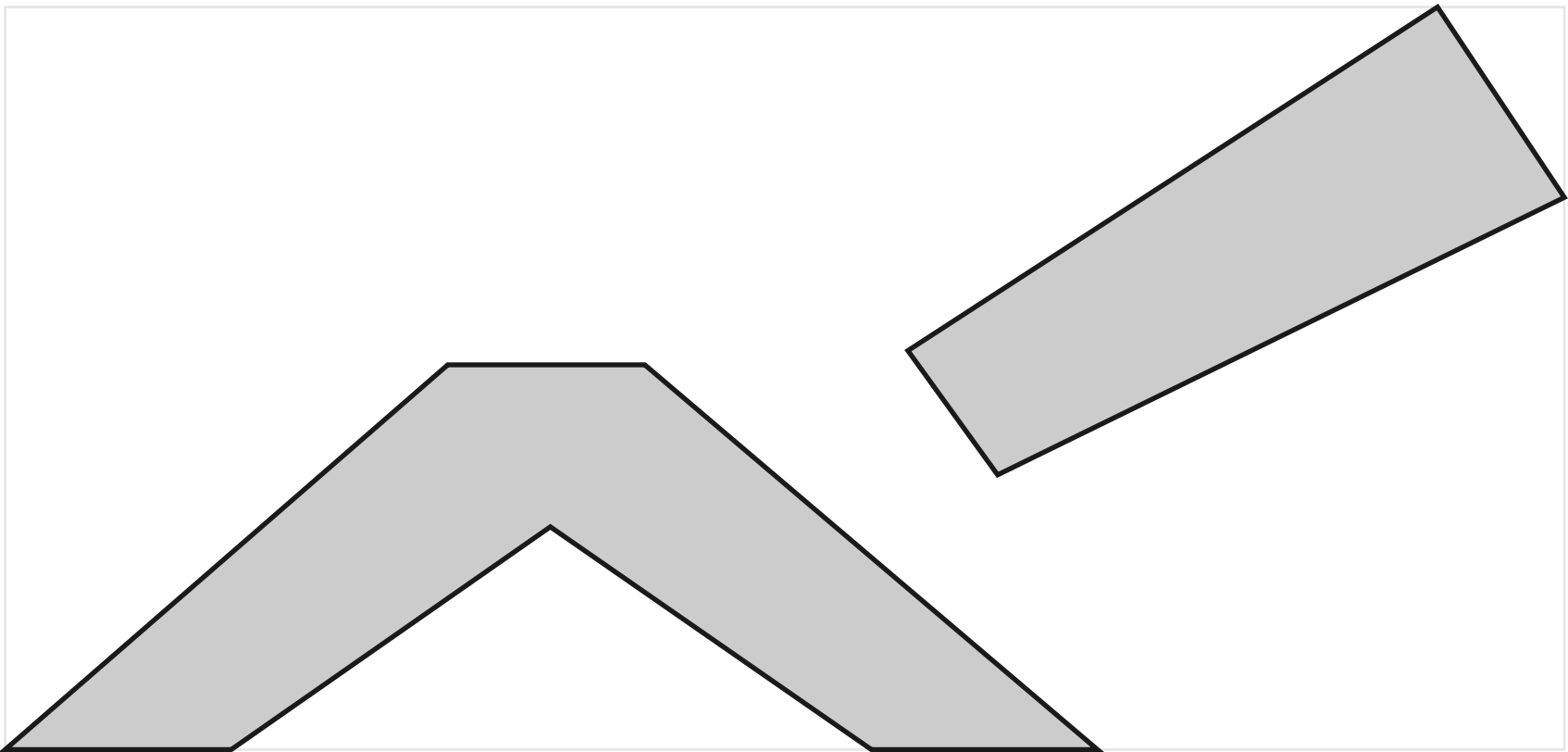
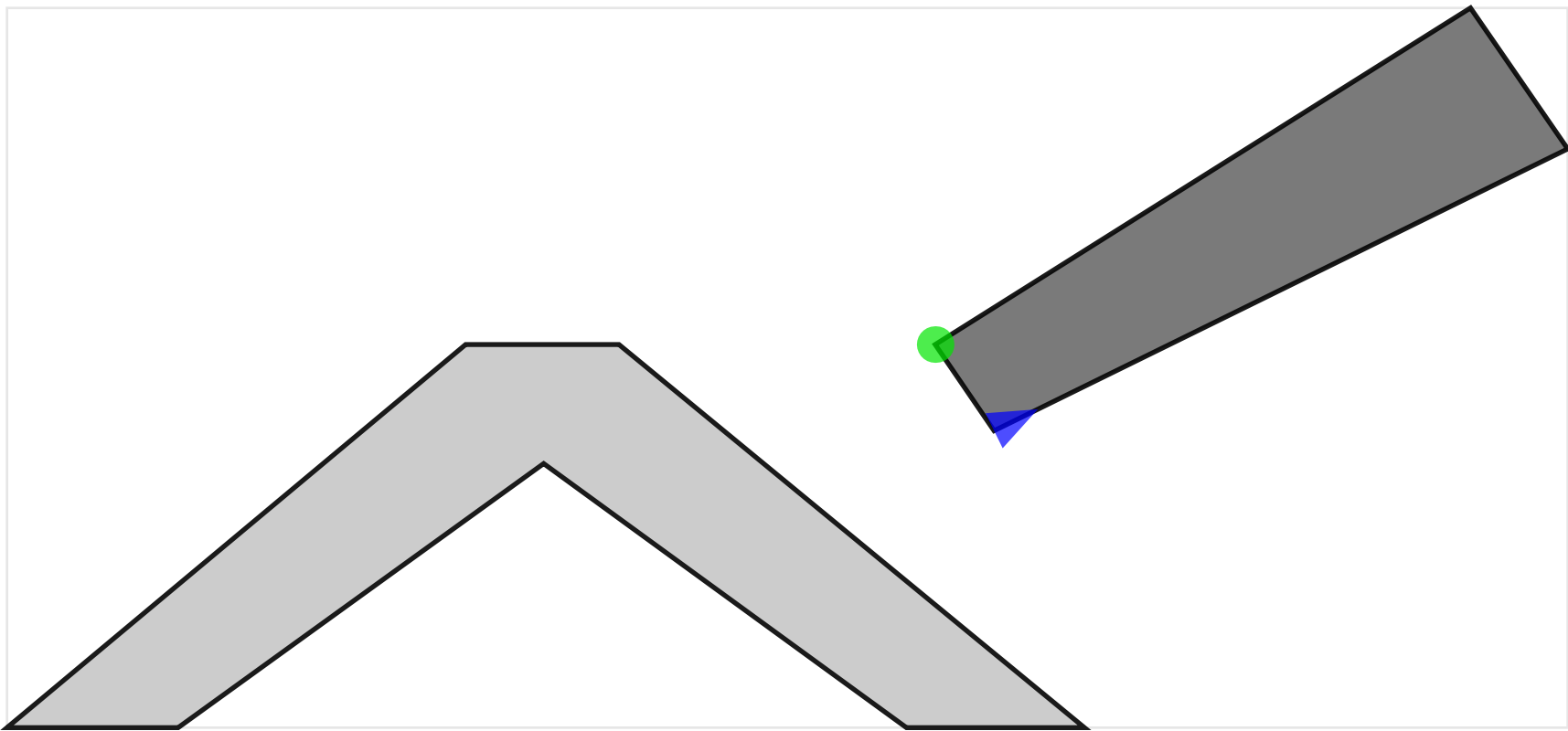
'opsz=8.0 width=151.0'

midway interpolation



'opsz=8.0 width=151.0 wght=100.0'

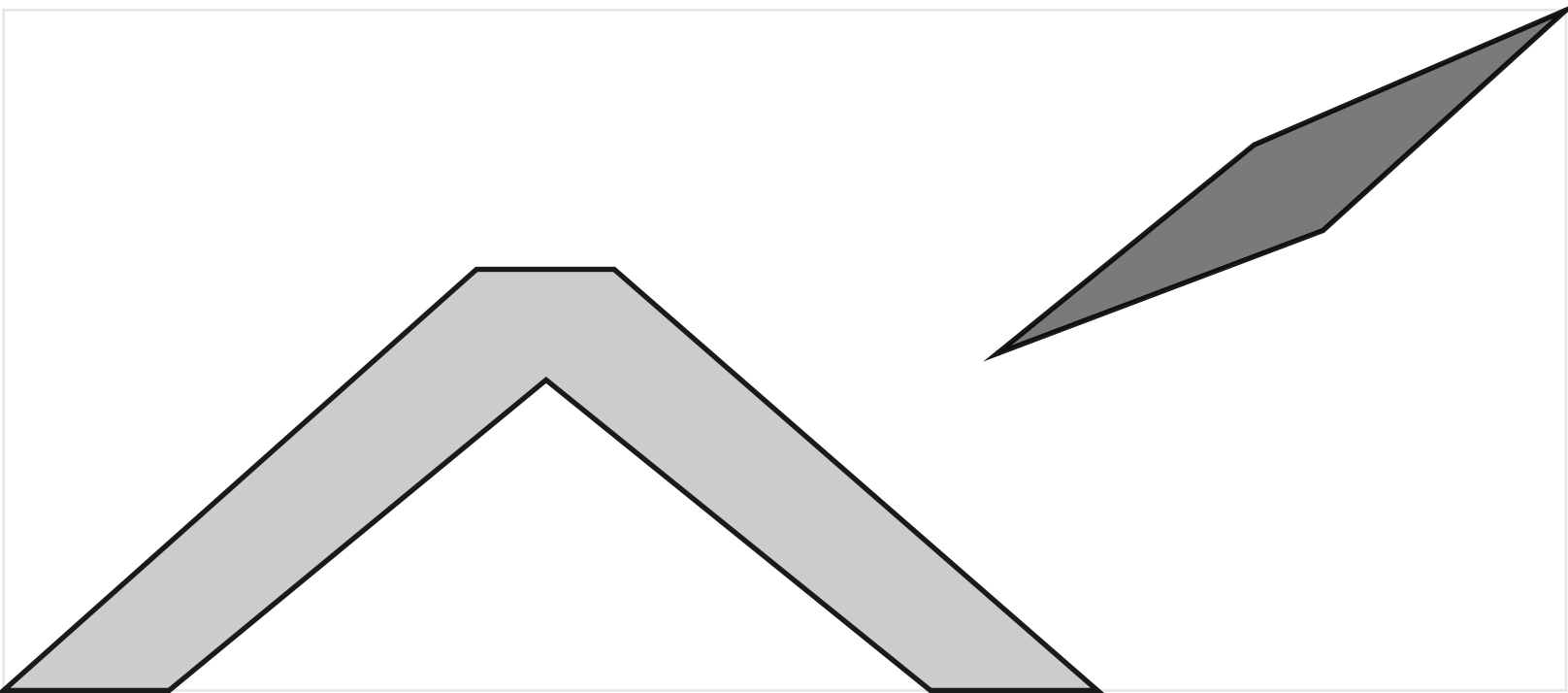
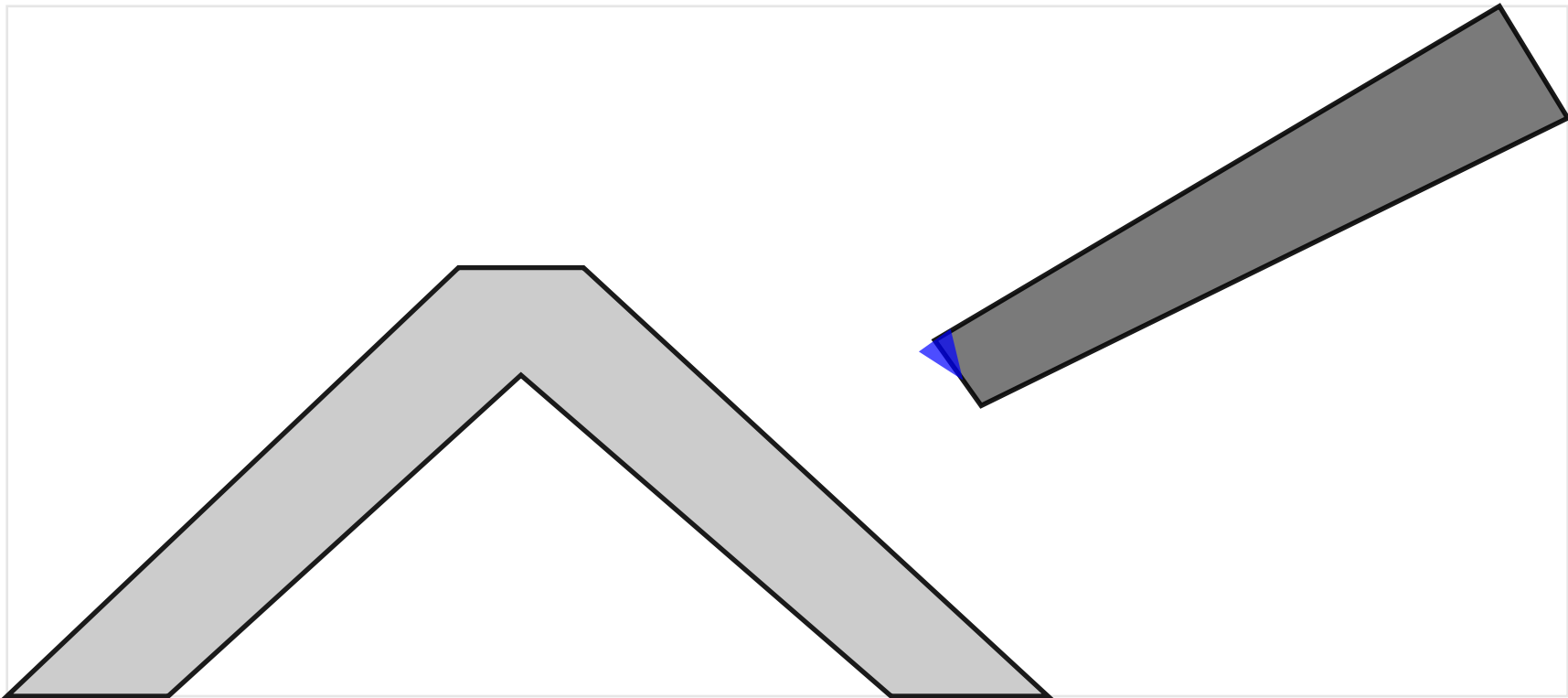
proposed fix



underweight, wrong\_start\_point

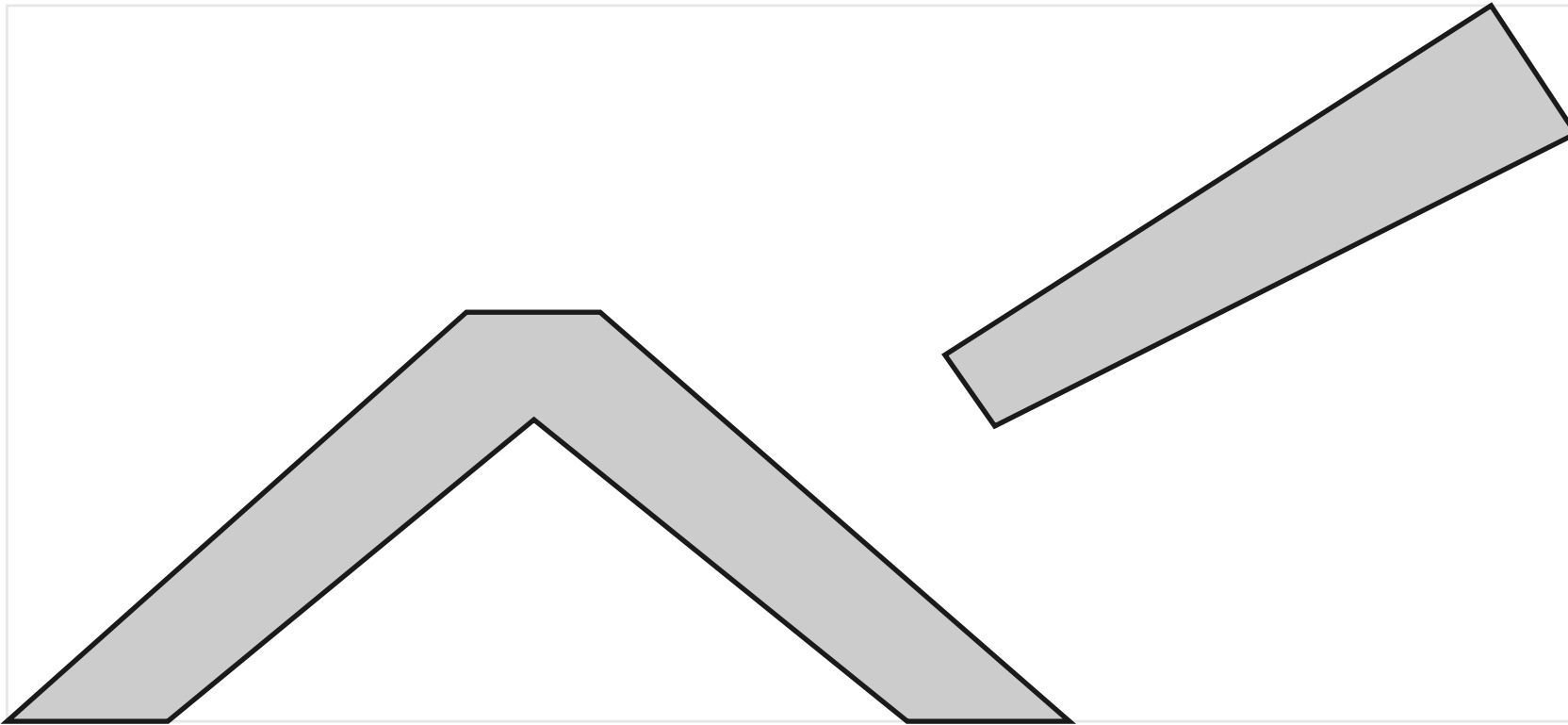
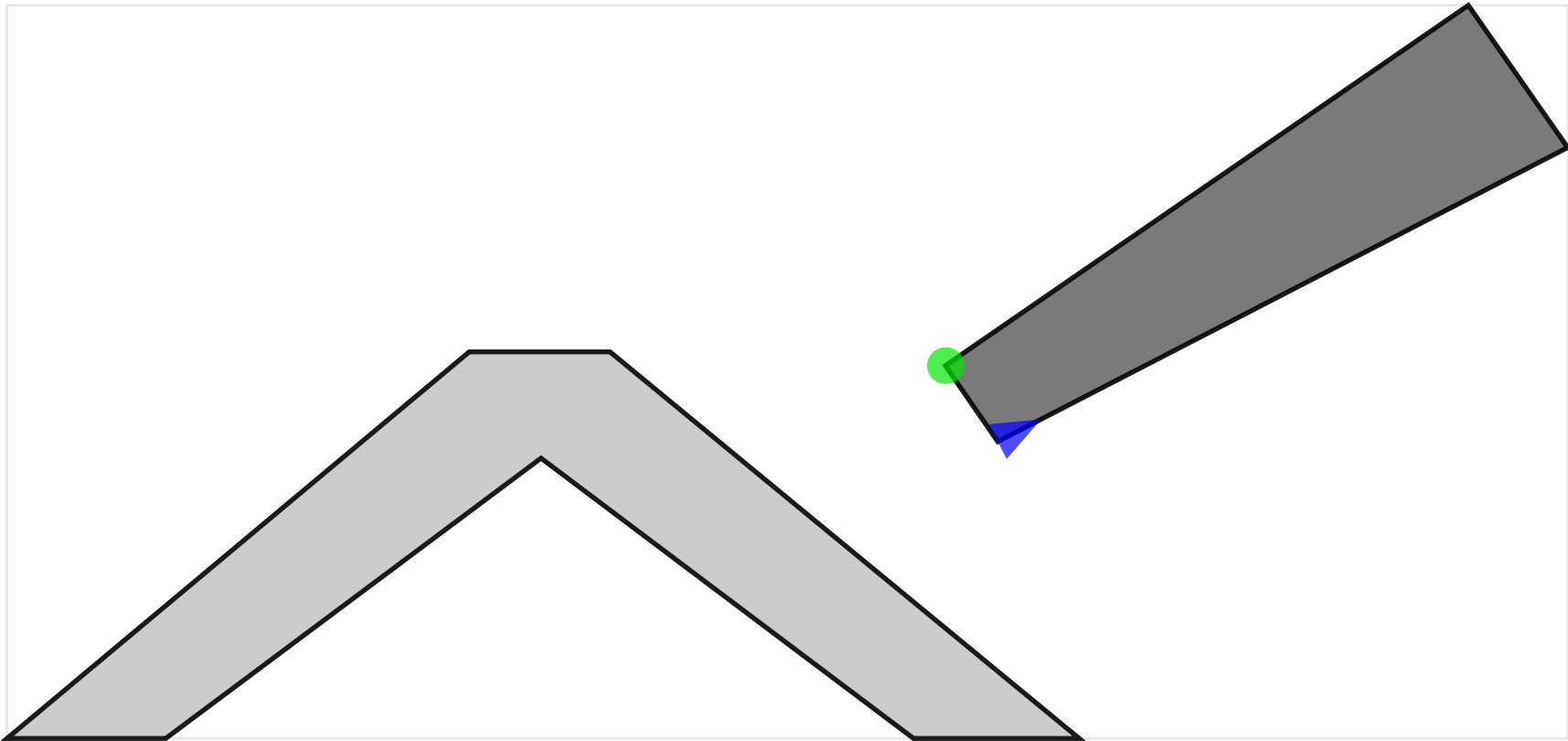
'GRAD=-200.0 opsz=8.0 wght=100.0'

midway interpolation



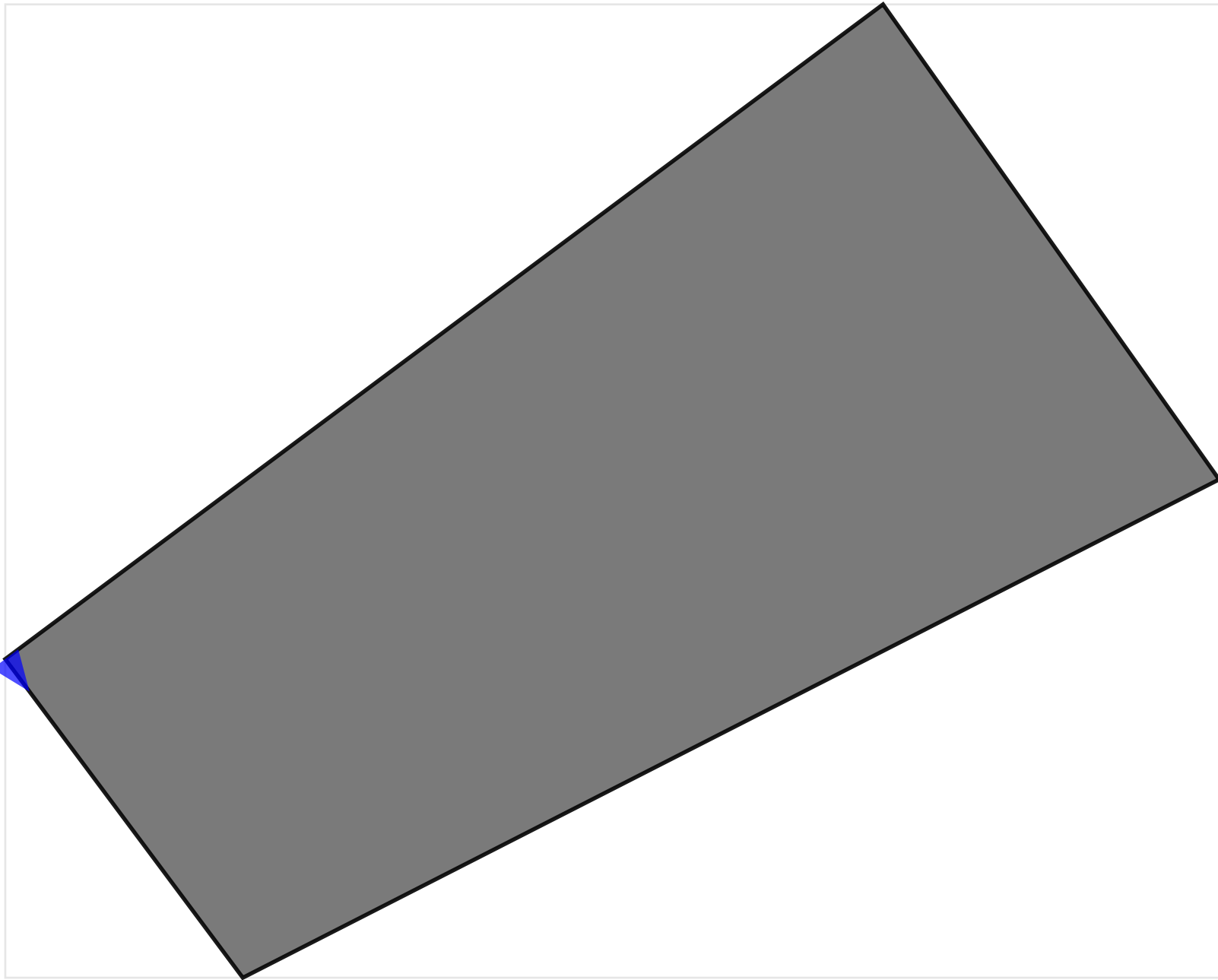
'GRAD=-200.0 opsz=8.0 width=151.0 wght=100.0'

proposed fix

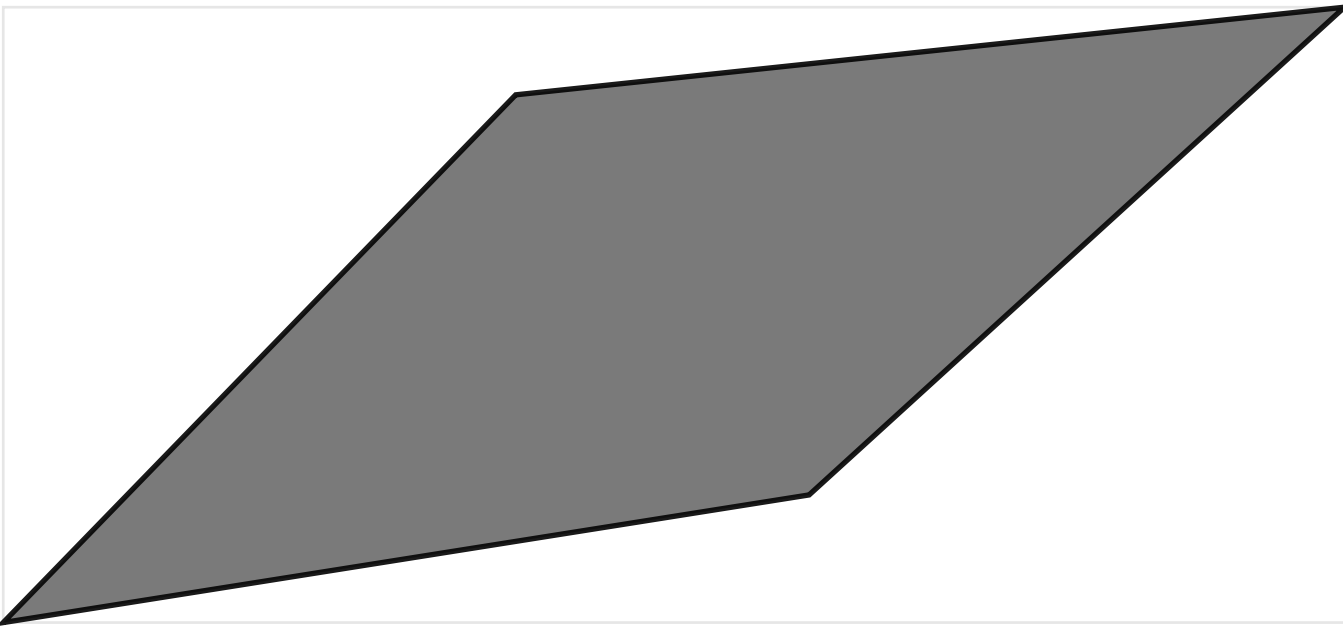


underweight, wrong\_start\_point

'opsz=8.0 width=25.0'

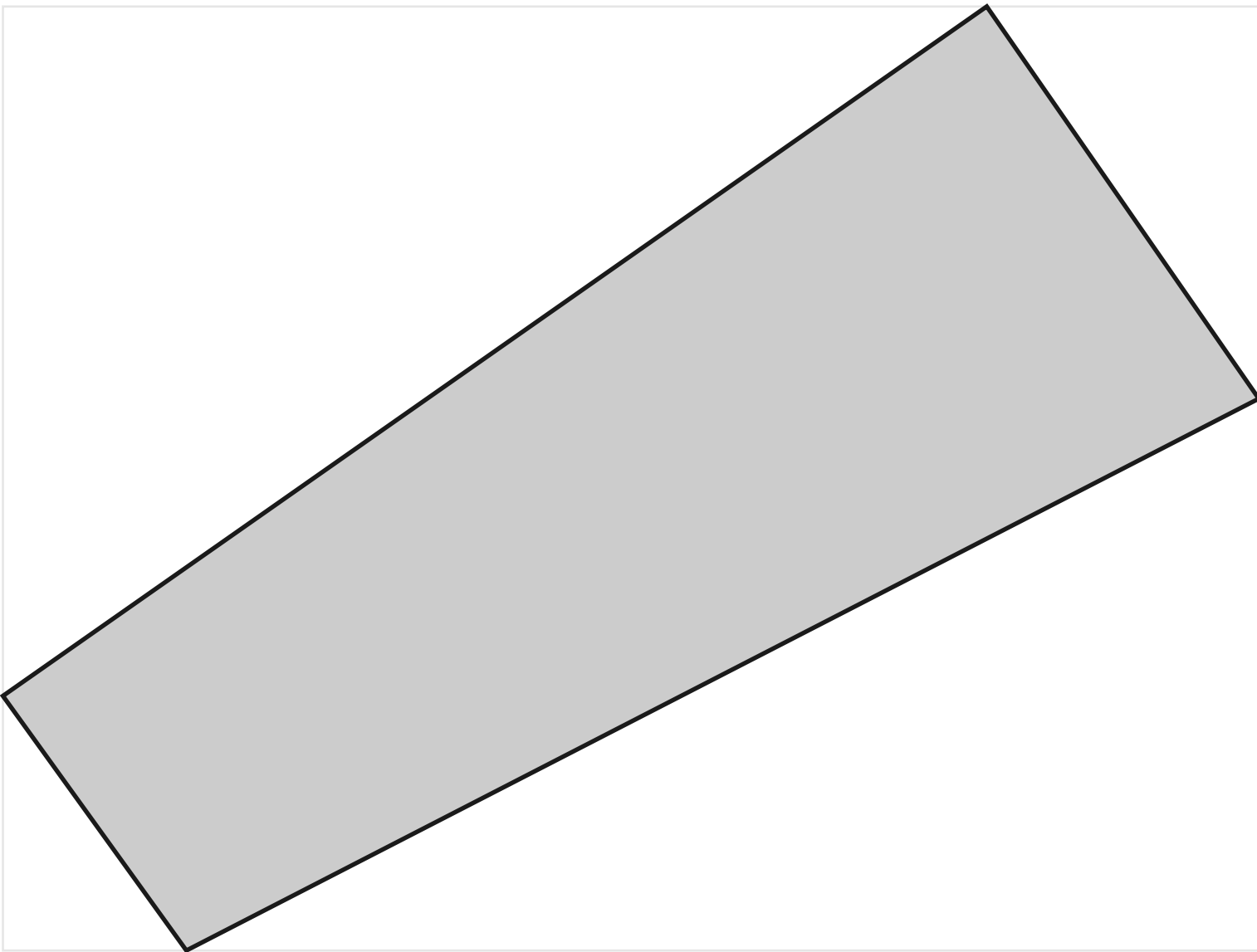
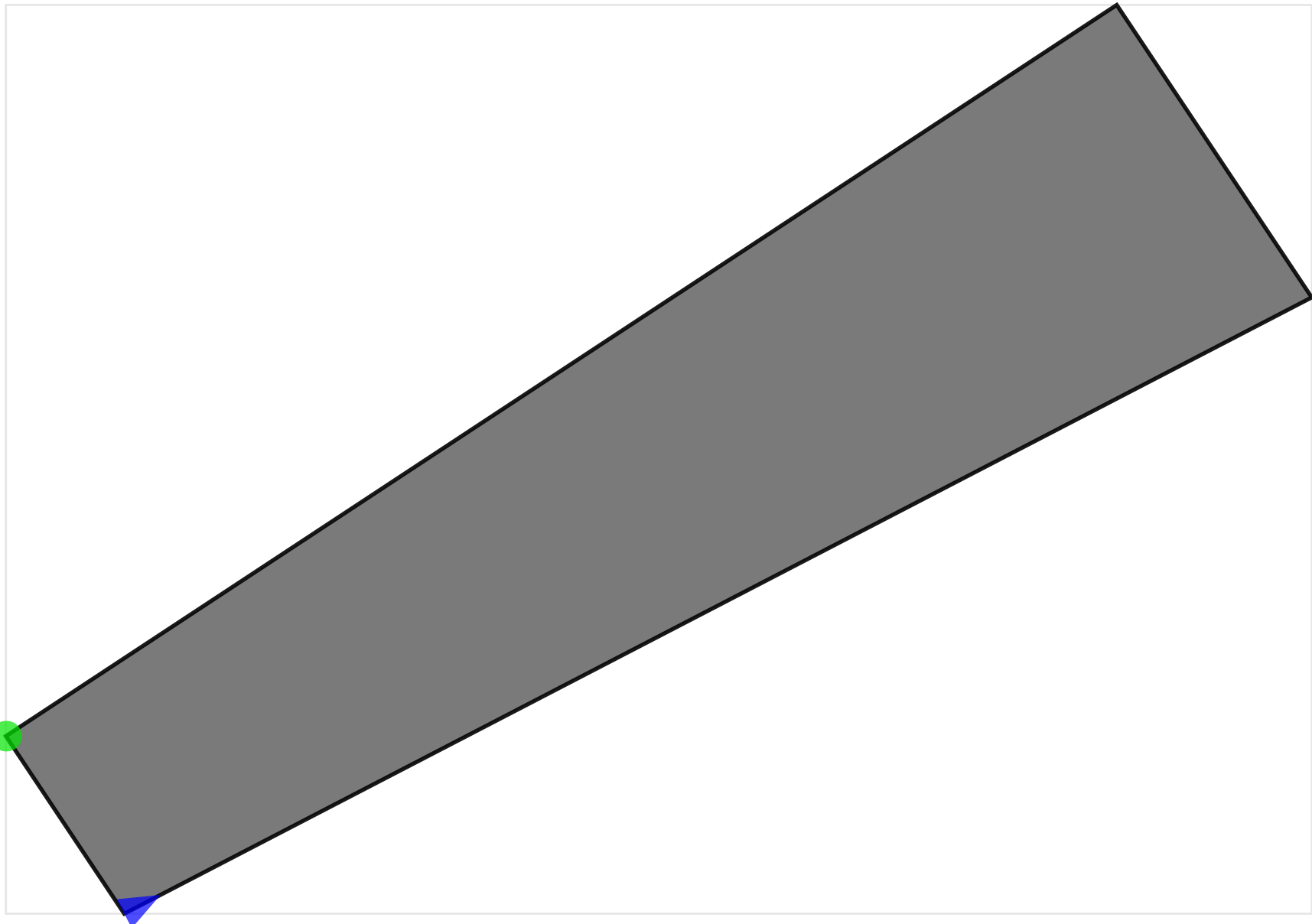


midway interpolation



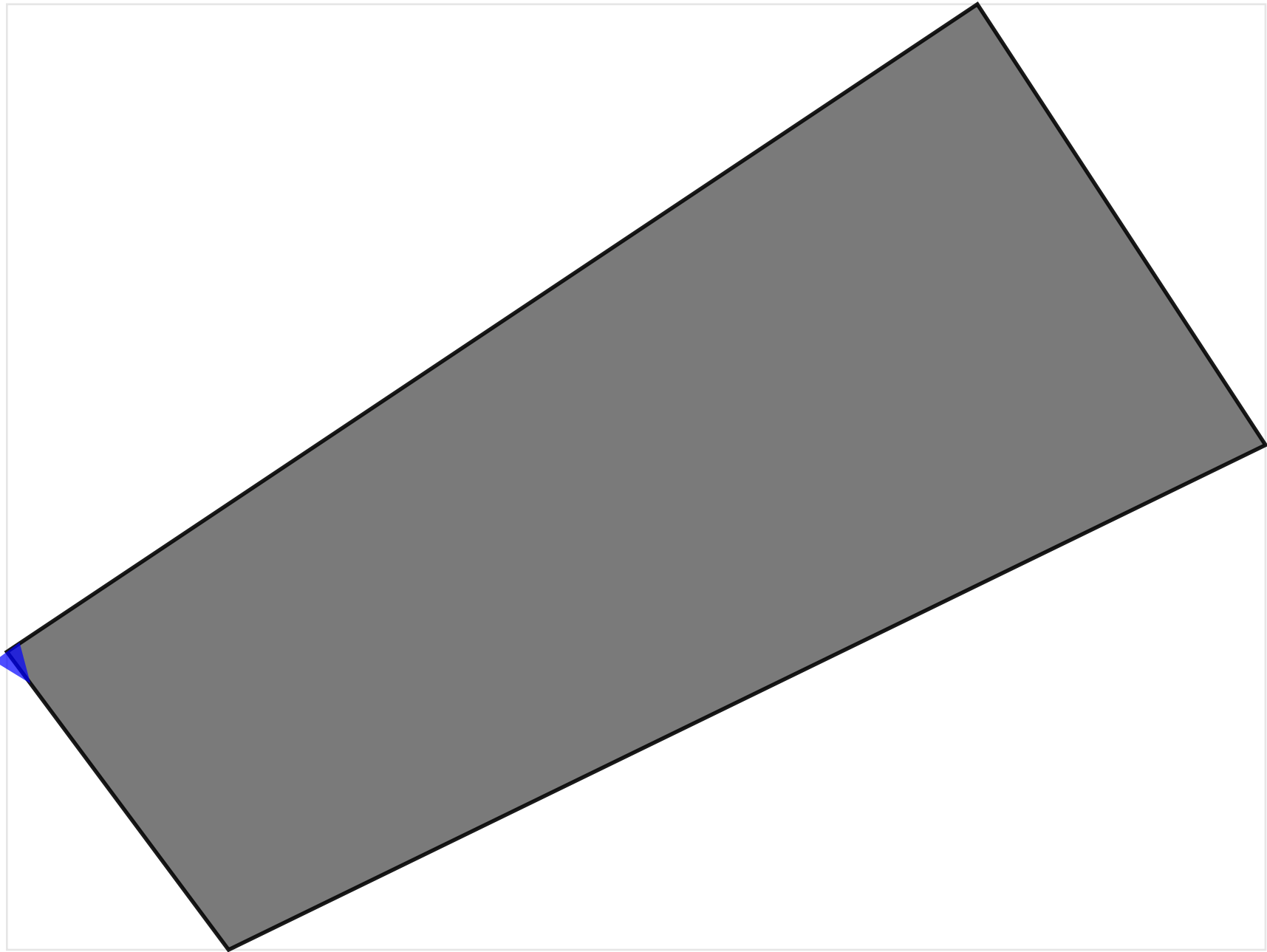
'opsz=8.0 width=25.0 wght=100.0'

proposed fix

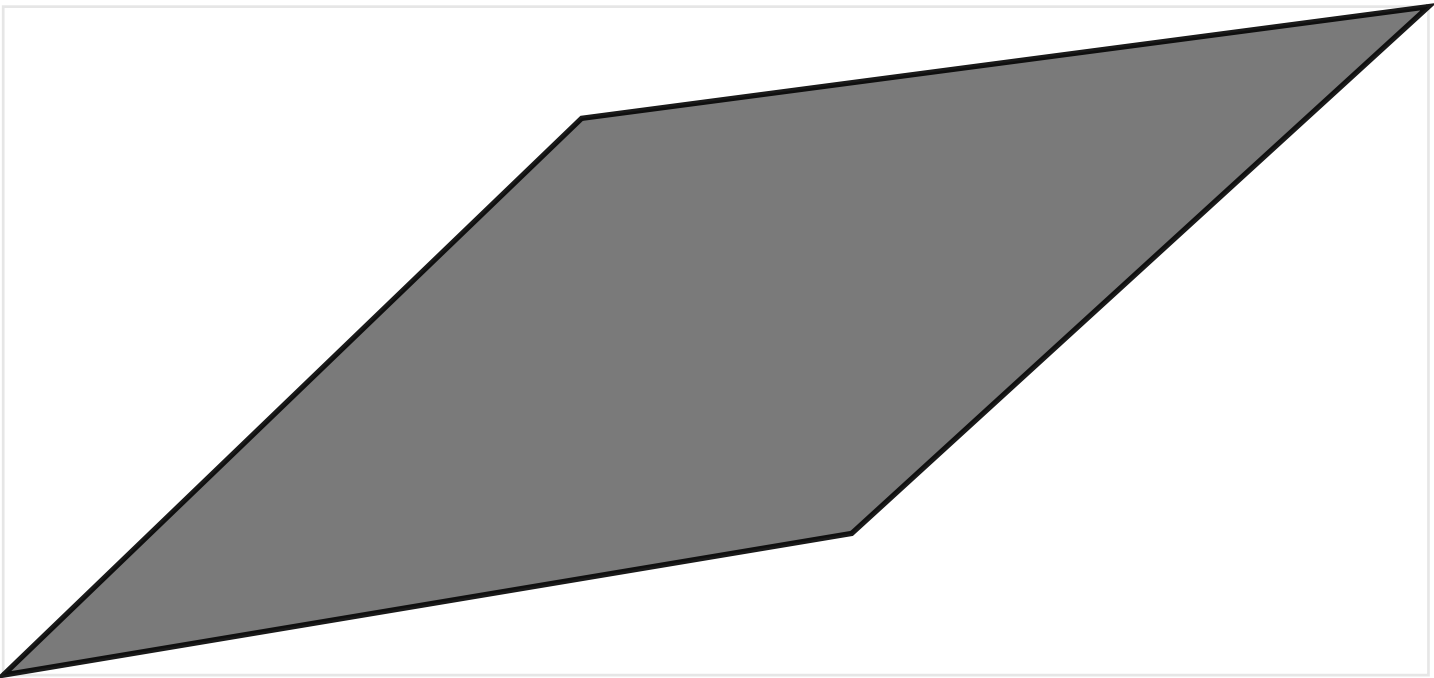


underweight, wrong\_start\_point

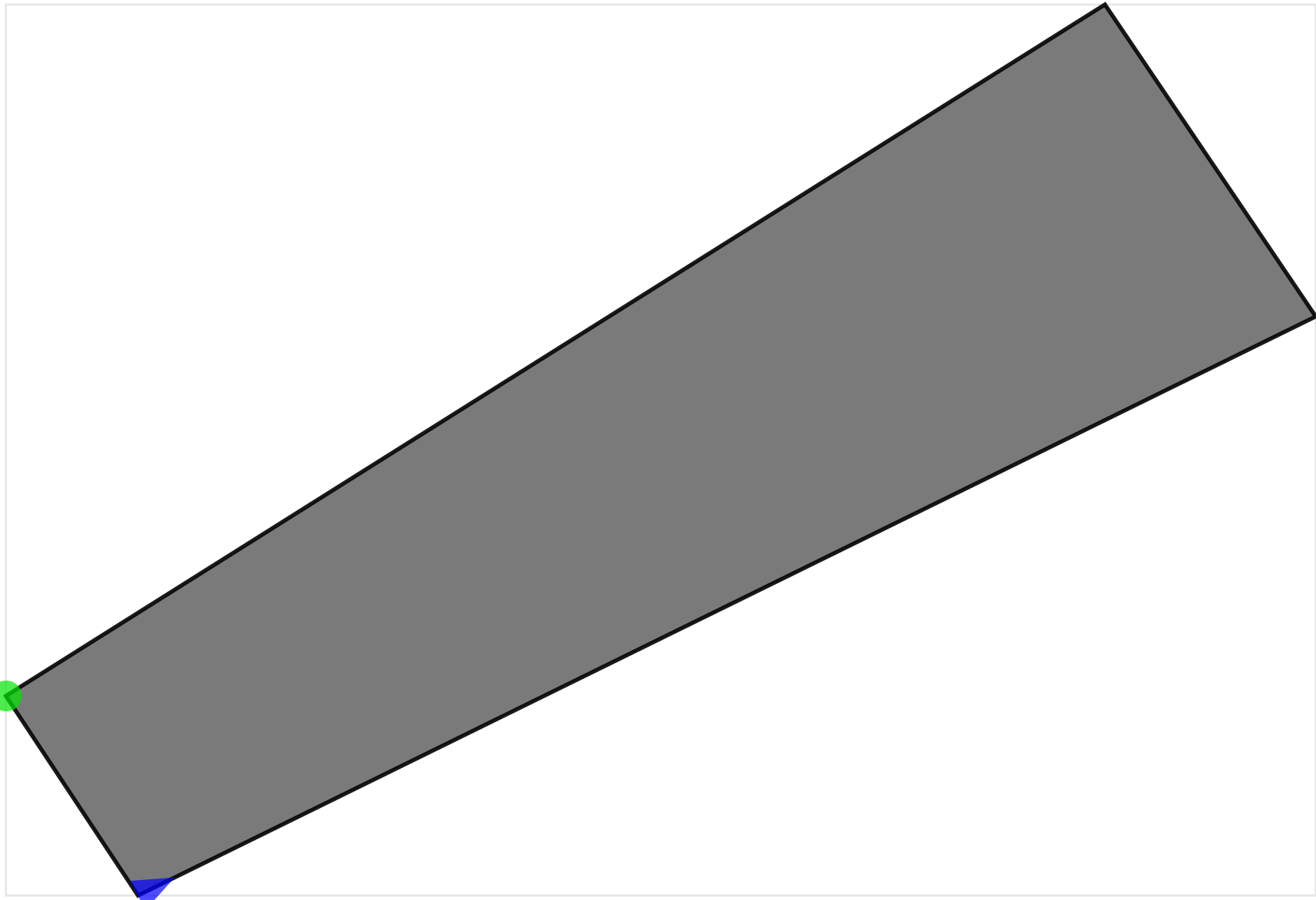
'opsz=8.0 width=151.0'



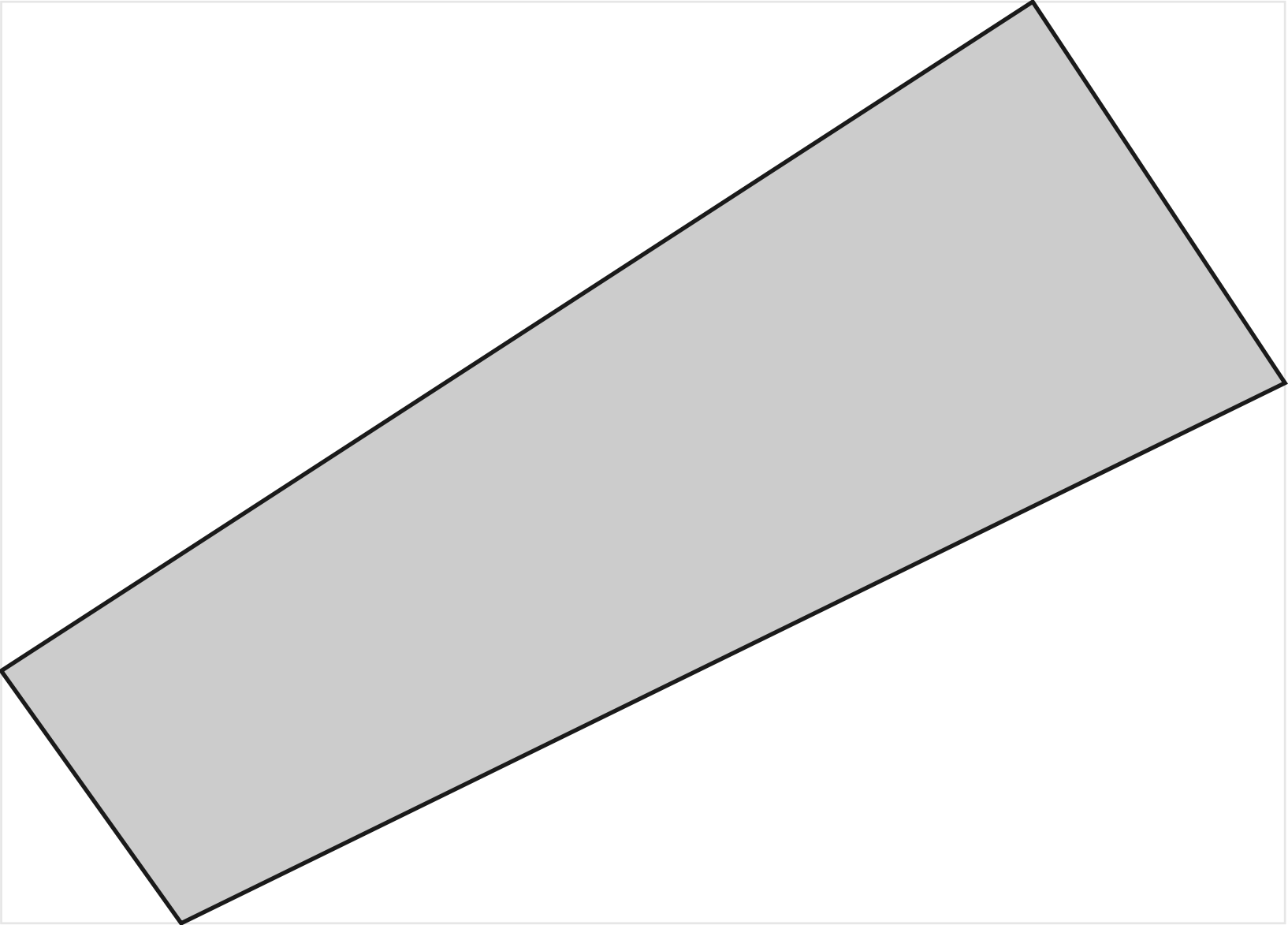
midway interpolation



'opsz=8.0 width=151.0 wght=100.0'

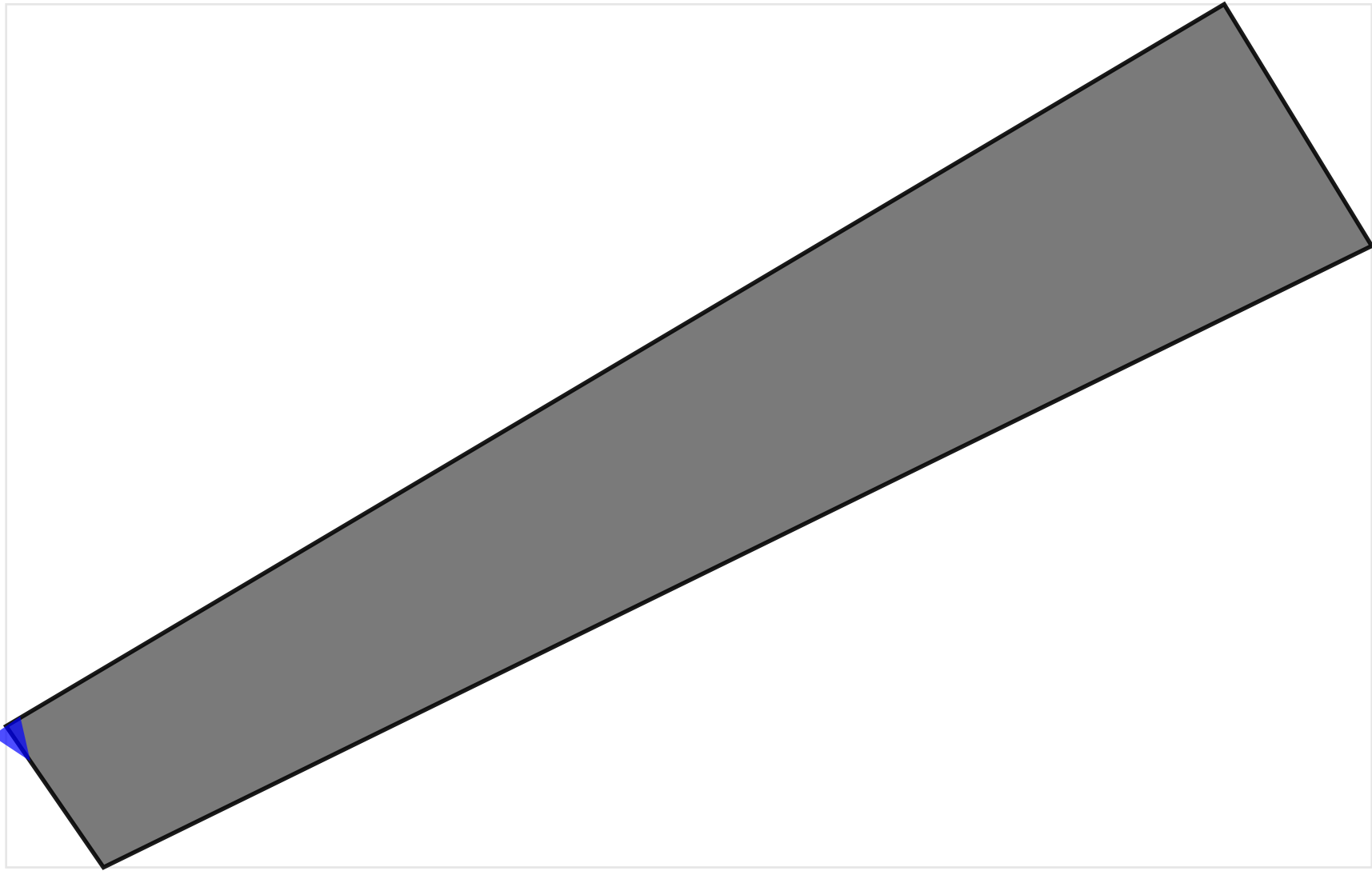


proposed fix

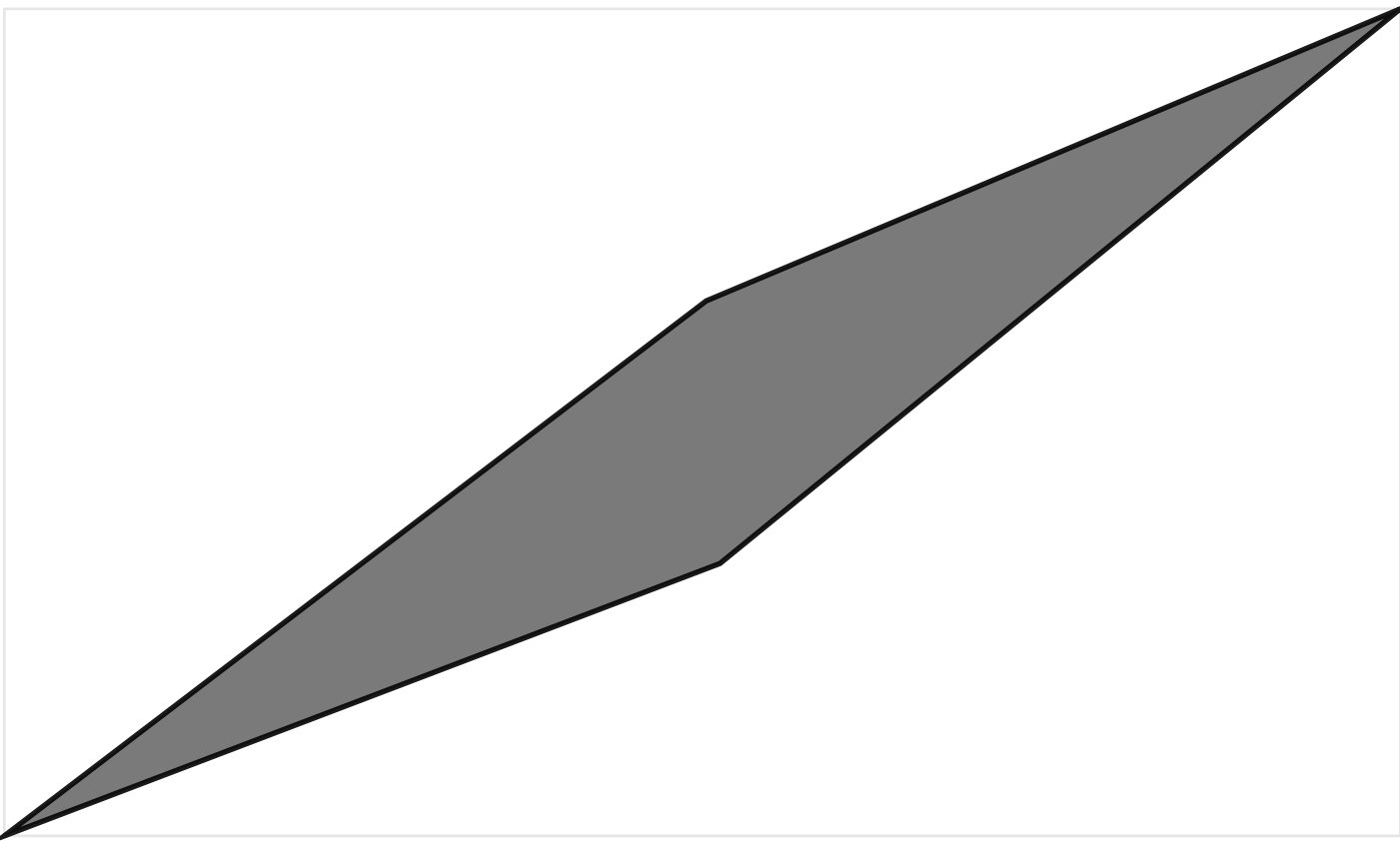


underweight, wrong\_start\_point

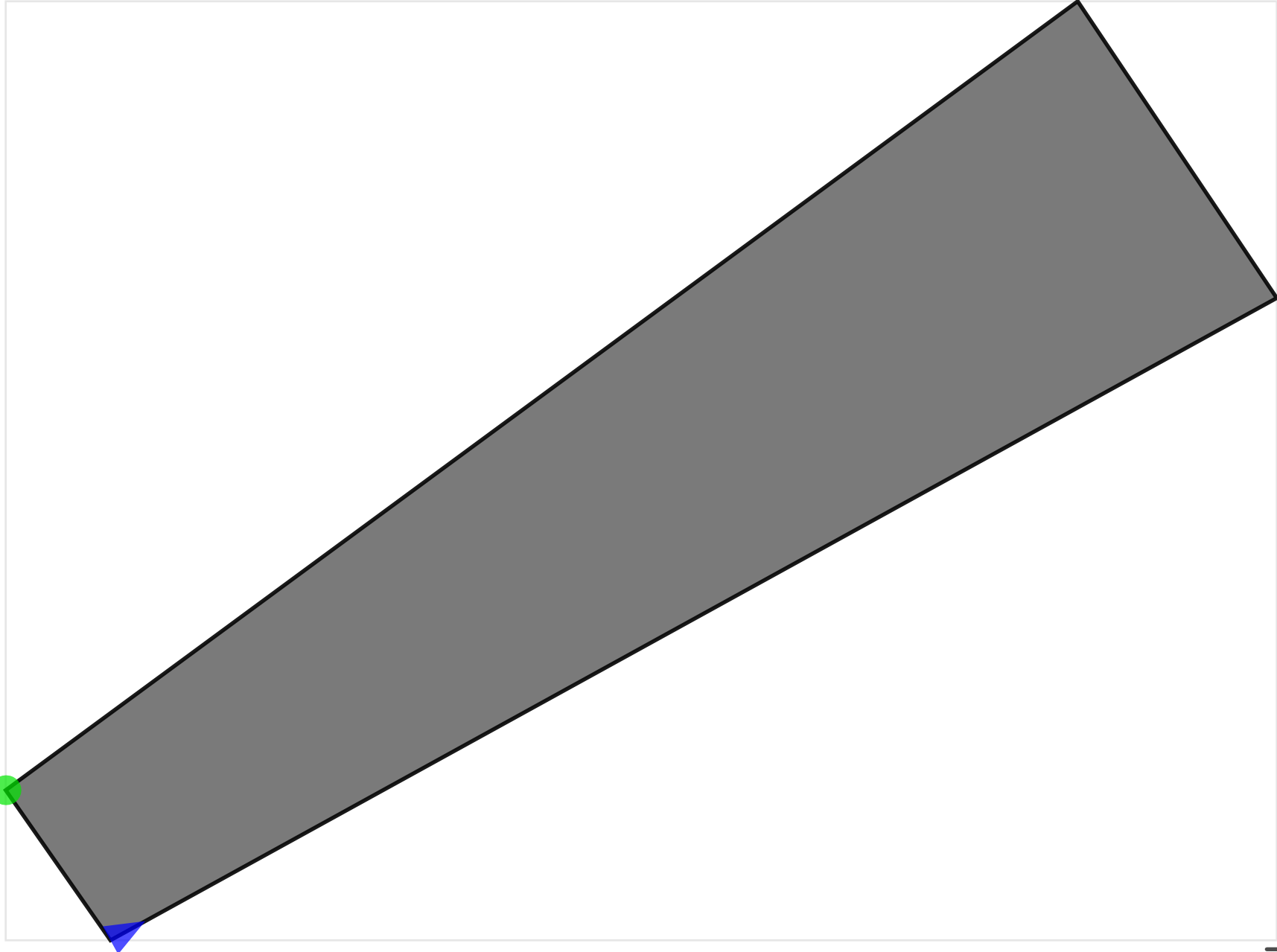
'GRAD=-200.0 opsz=8.0 wght=100.0'



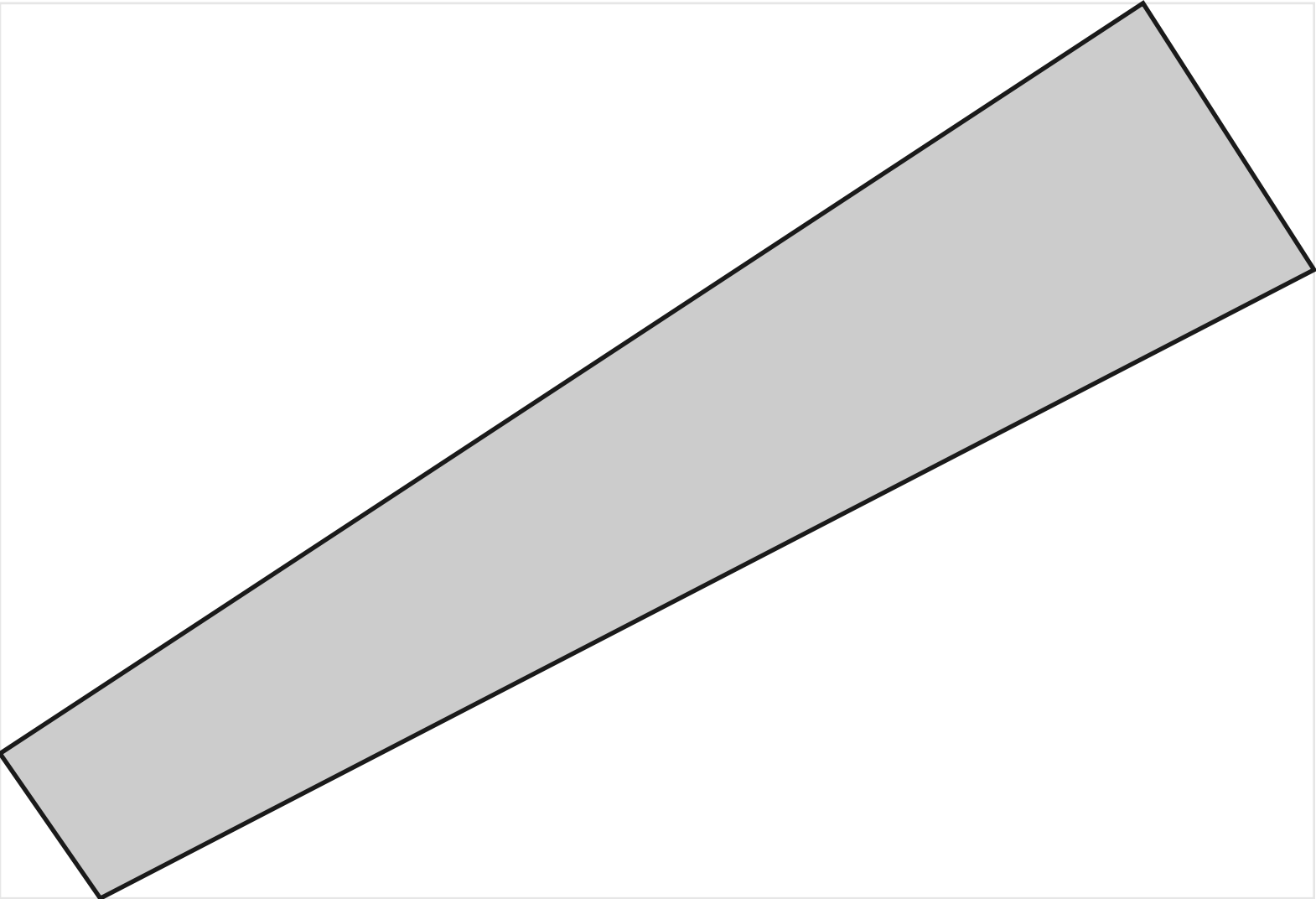
midway interpolation



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



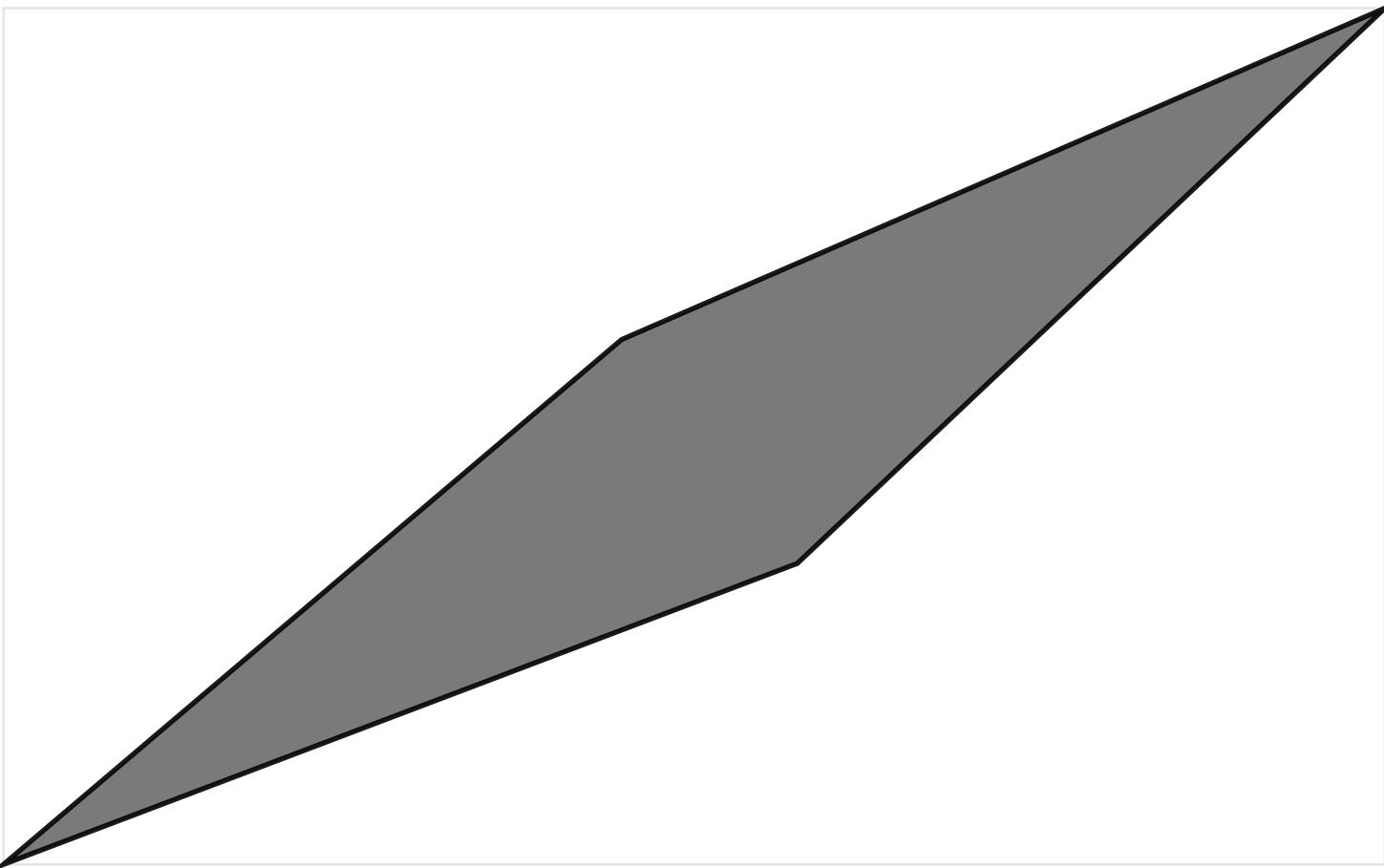
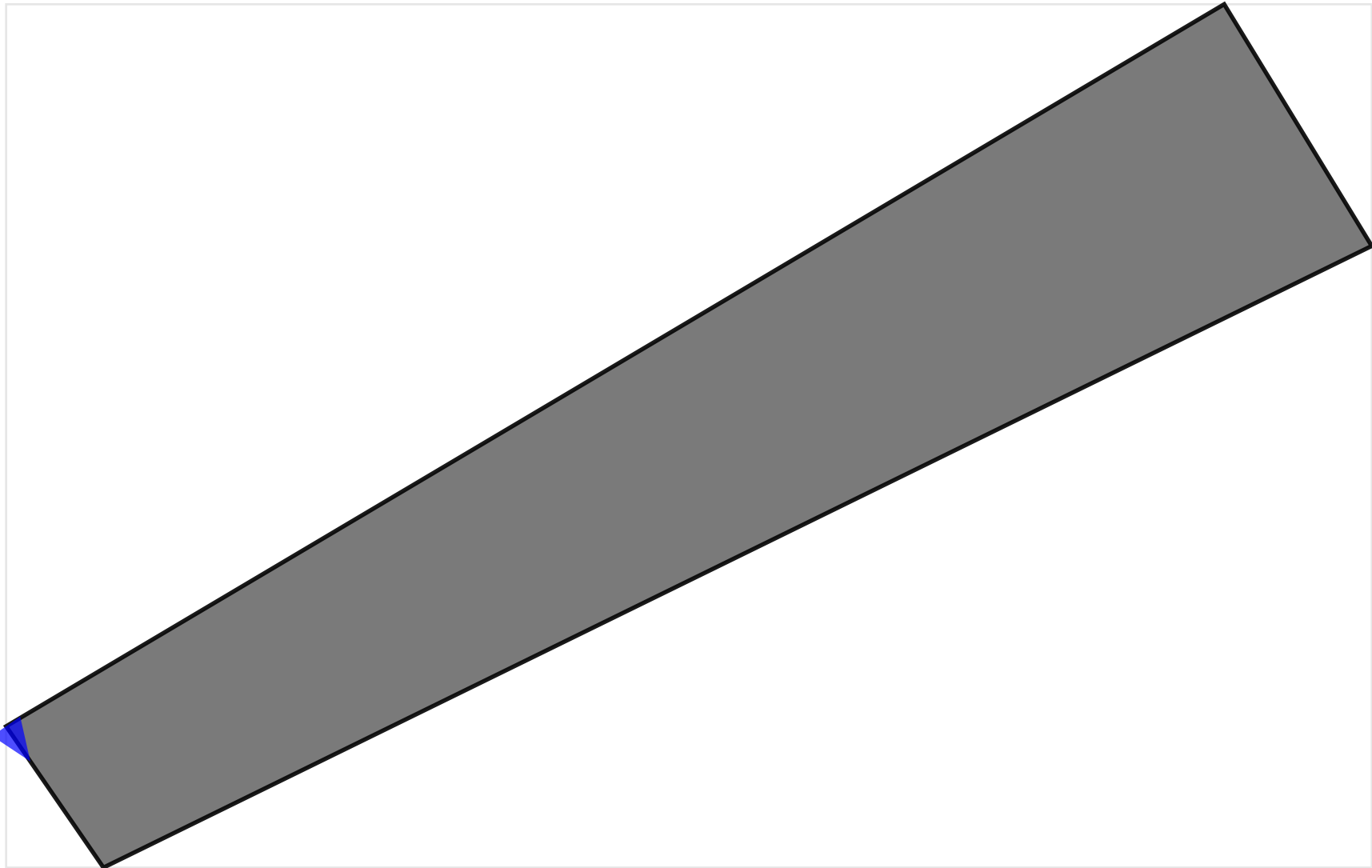
proposed fix



underweight, wrong\_start\_point

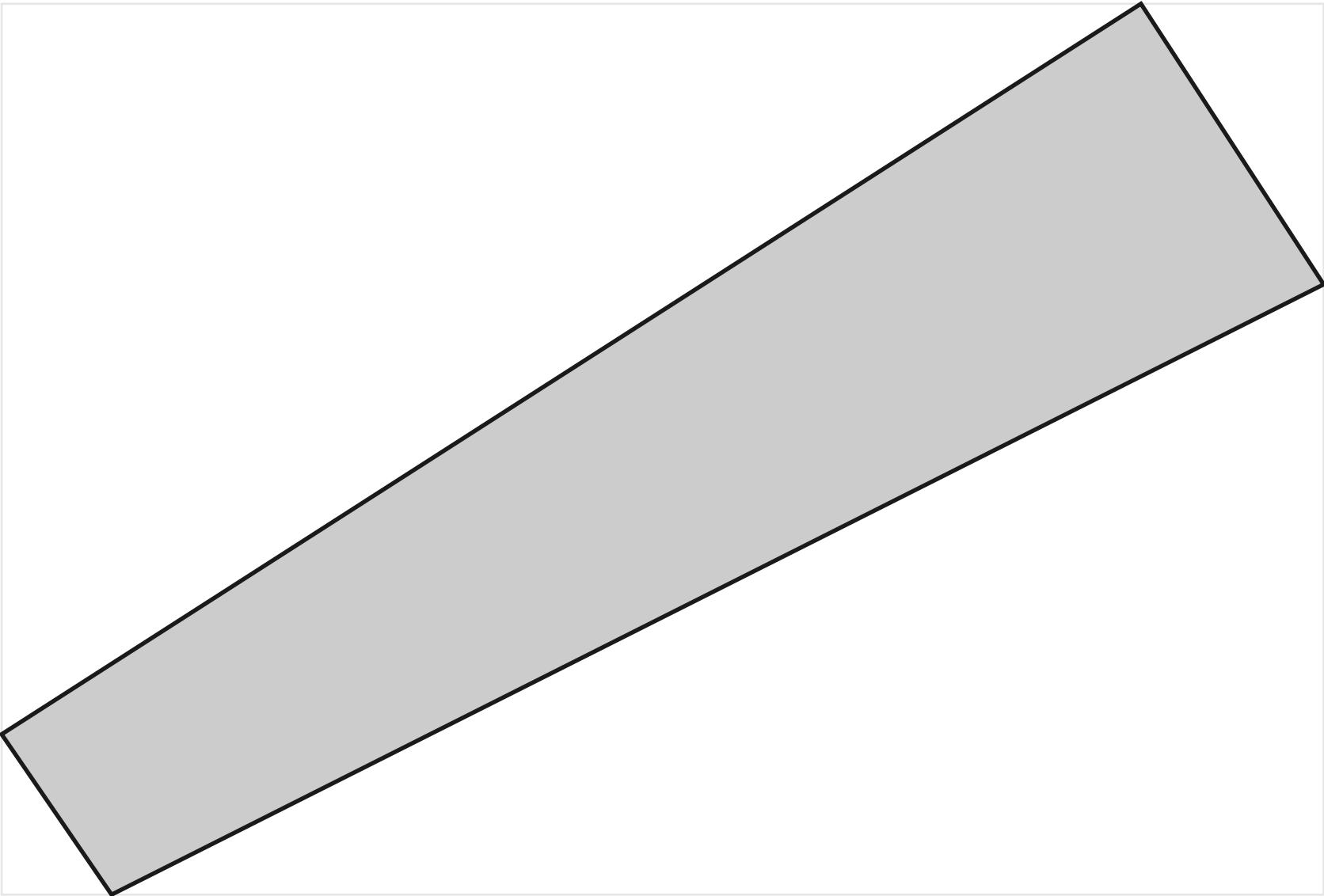
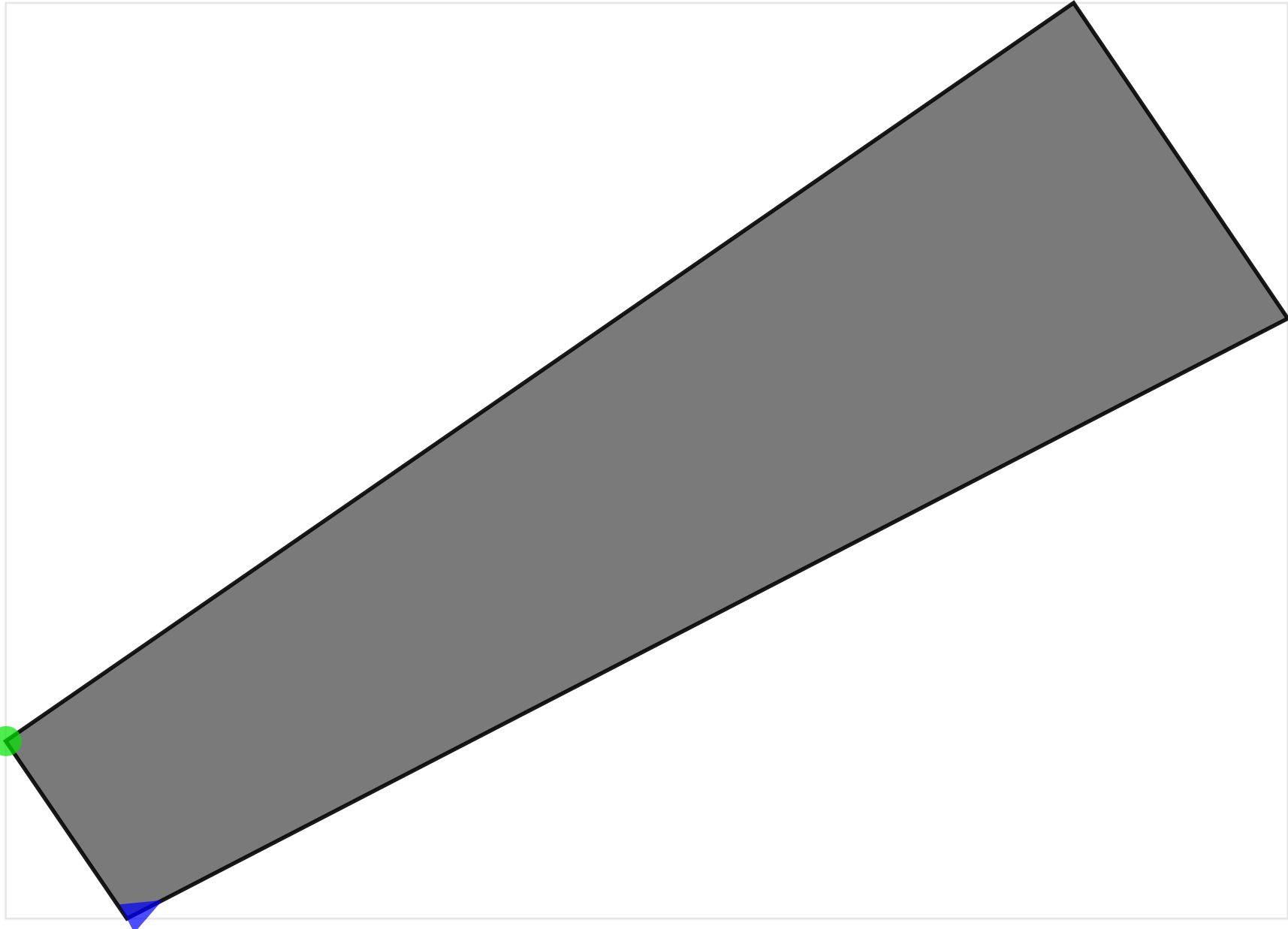
'GRAD=-200.0 opsz=8.0 wght=100.0'

midway interpolation



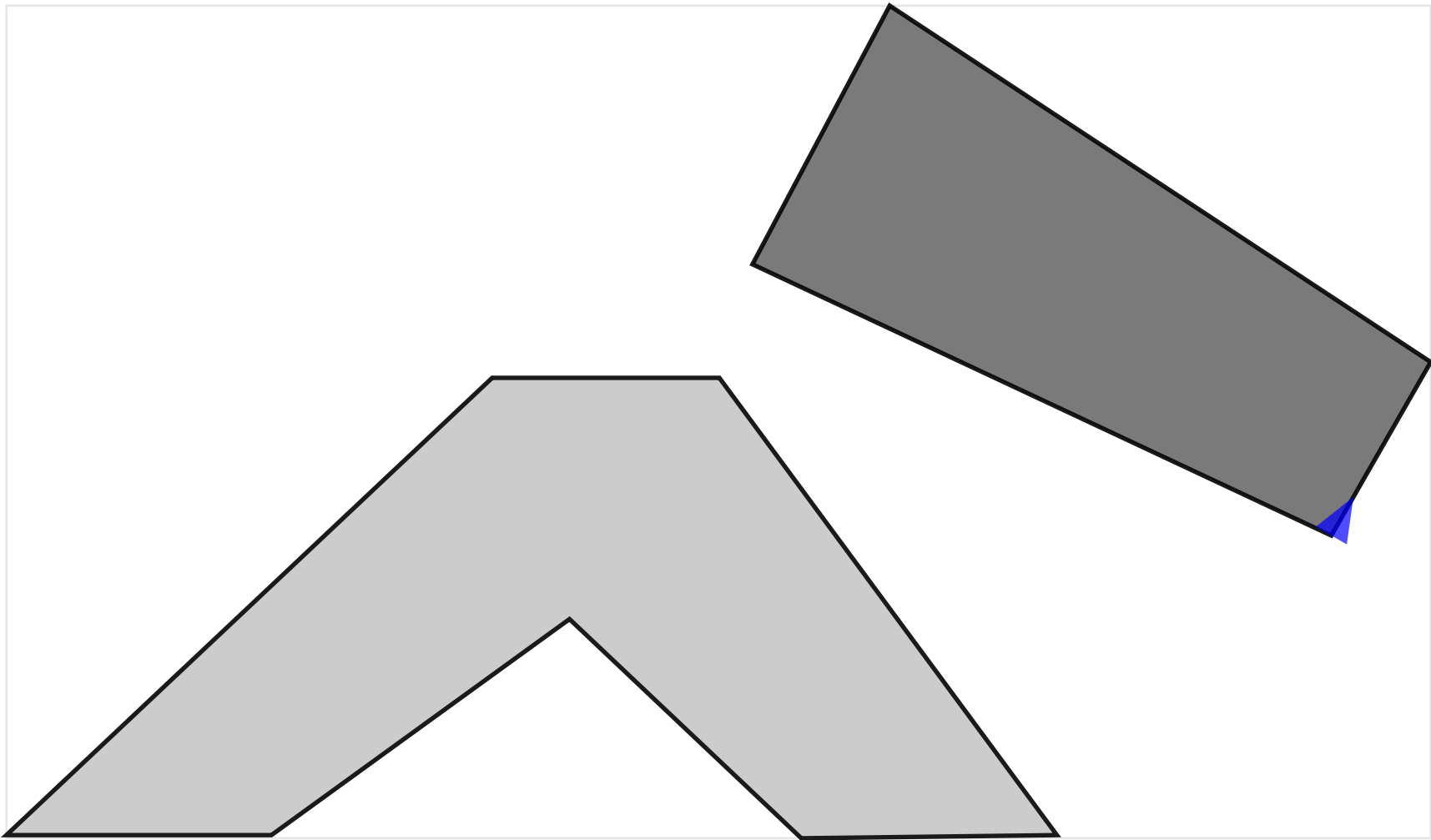
'GRAD=-200.0 opsz=8.0 width=151.0 wght=100.0'

proposed fix

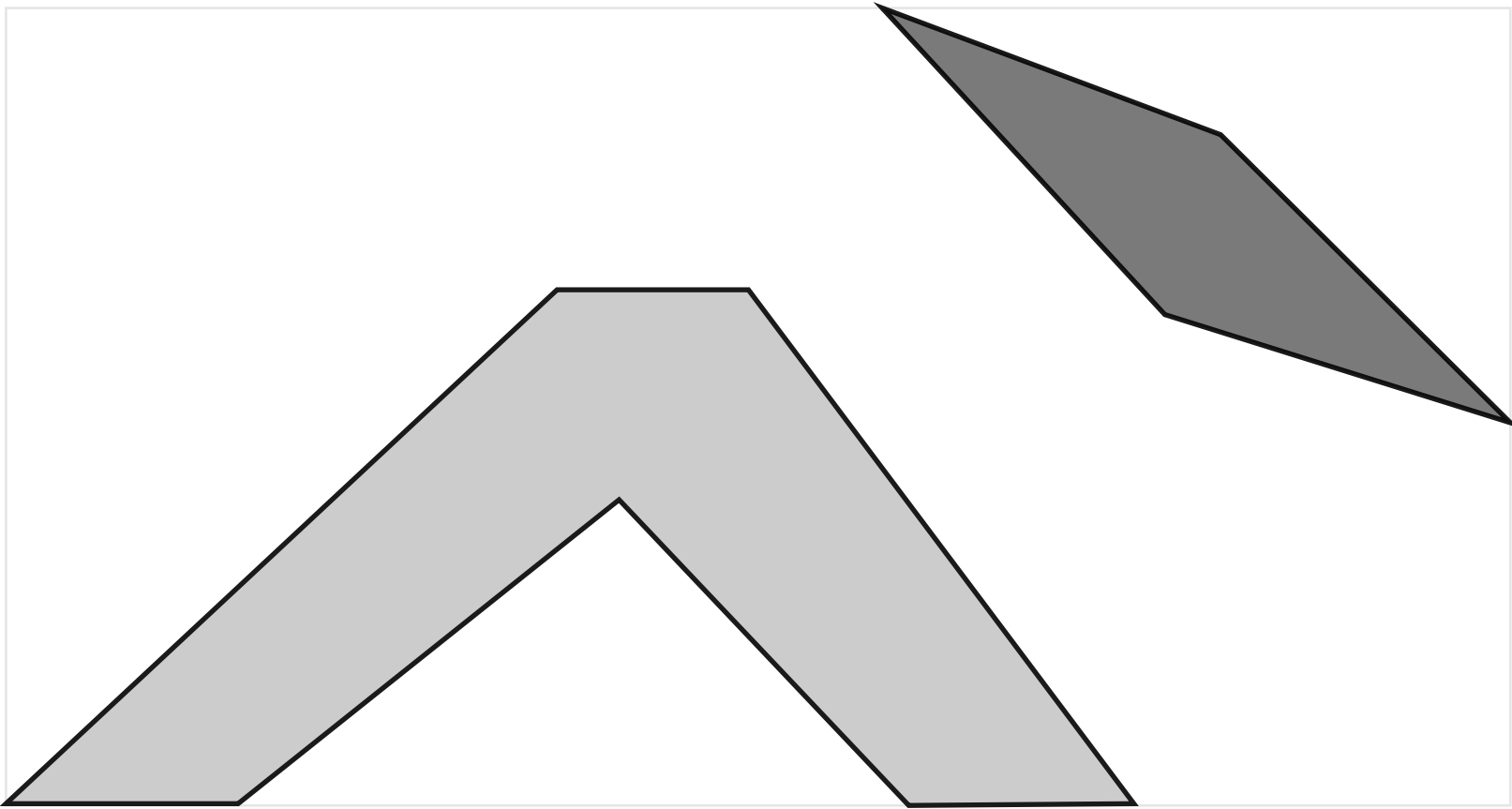


underweight, wrong\_start\_point

'slnt=-10.0 width=25.0'

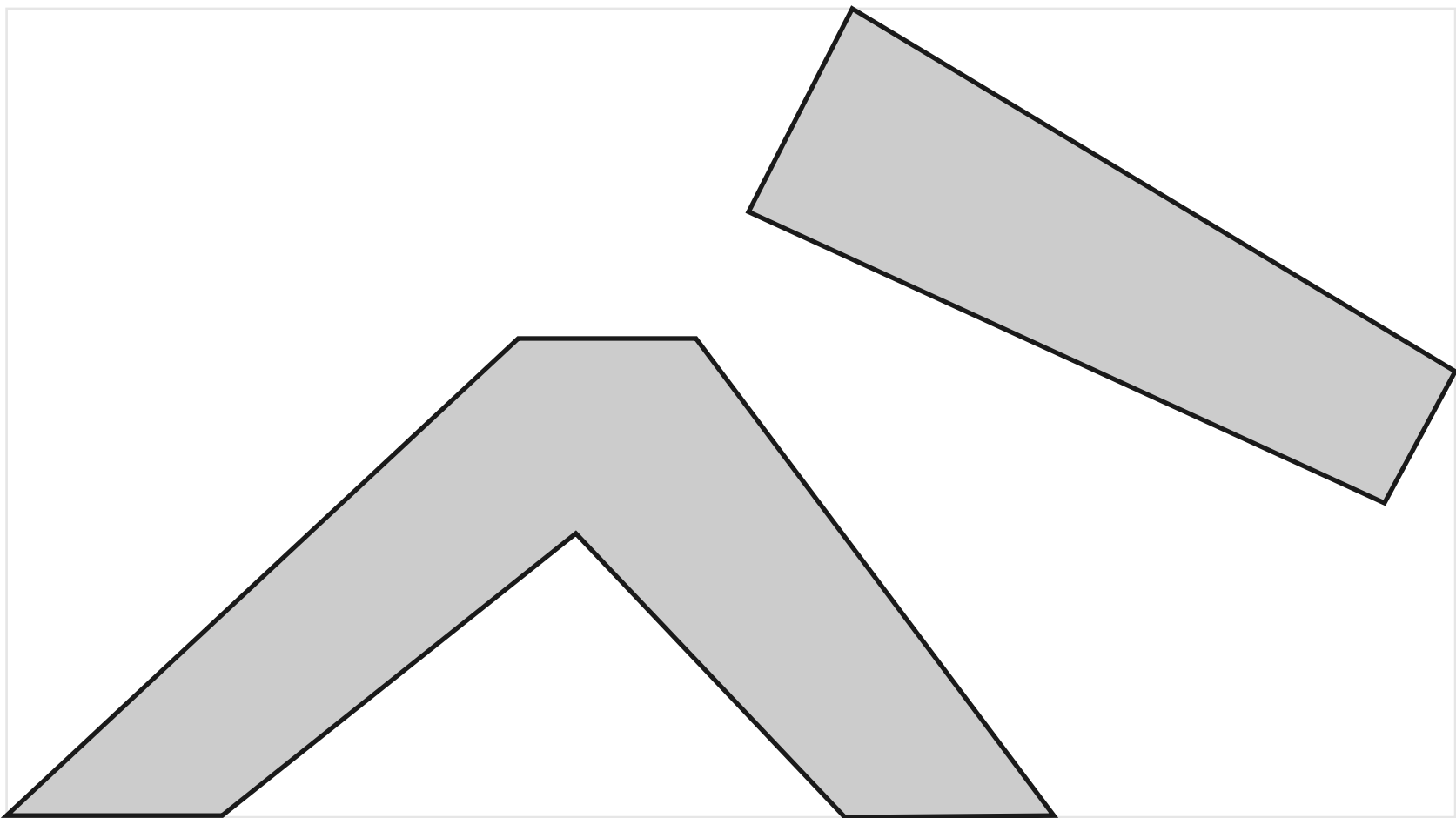
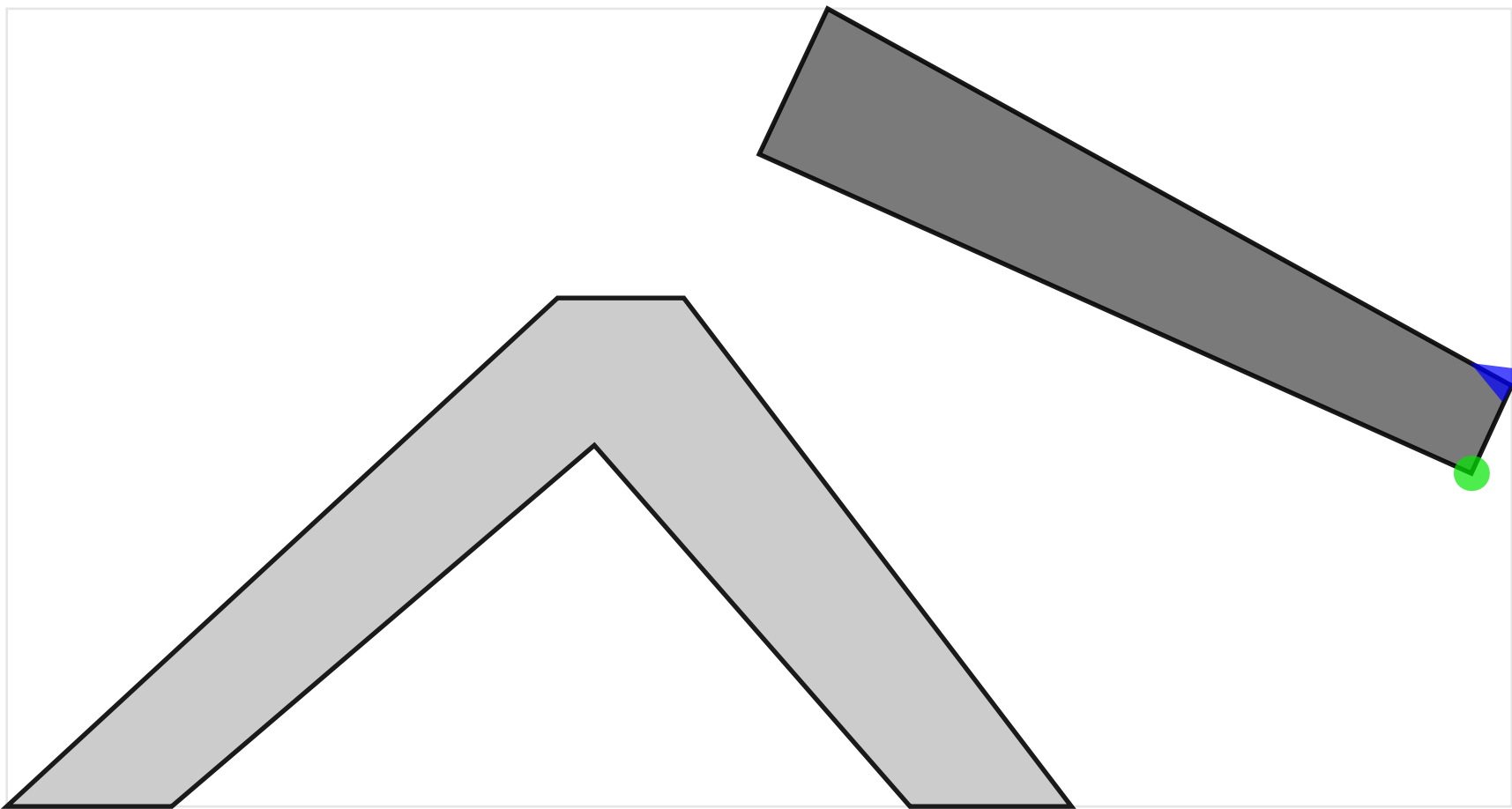


midway interpolation



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

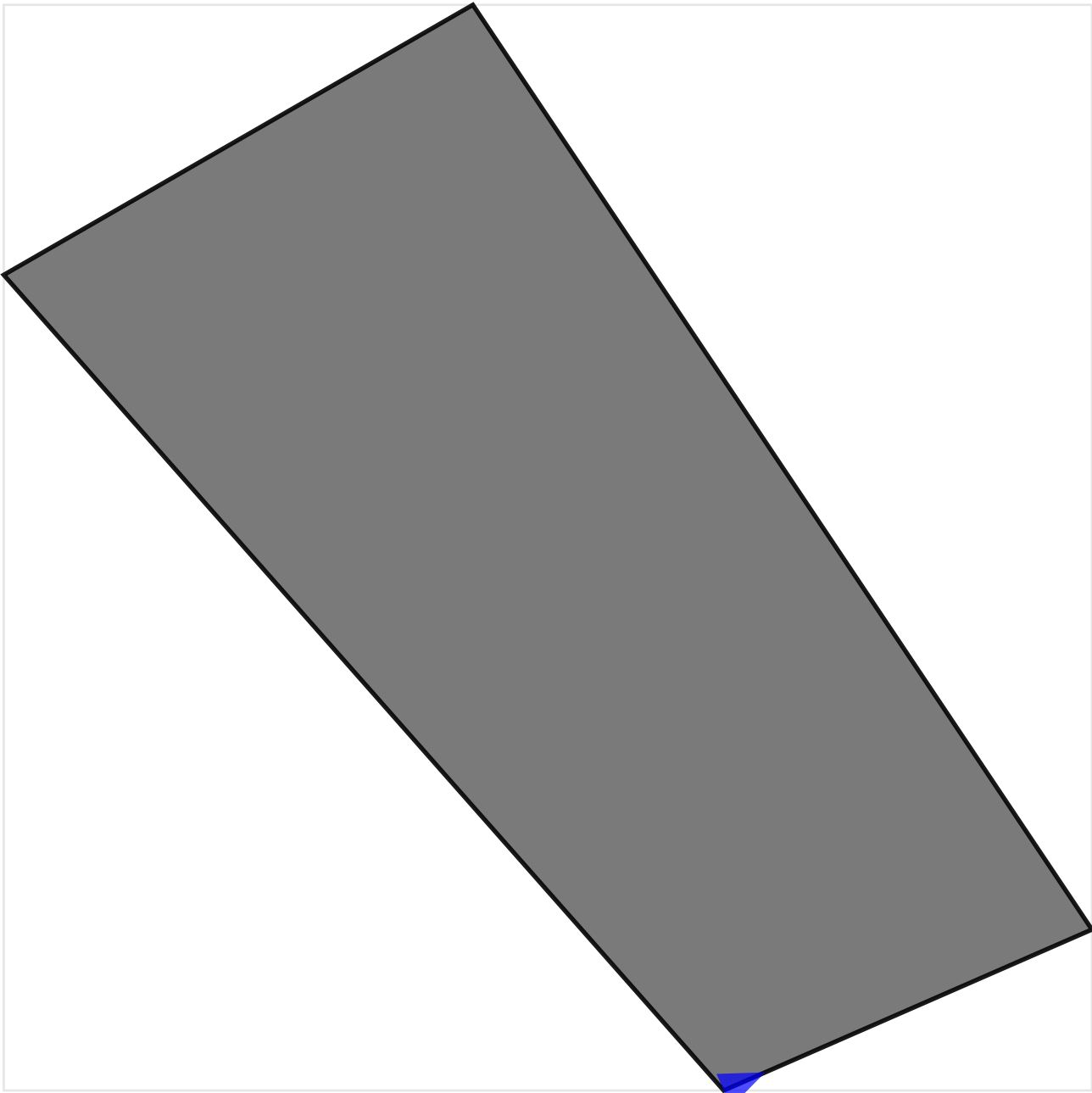
proposed fix



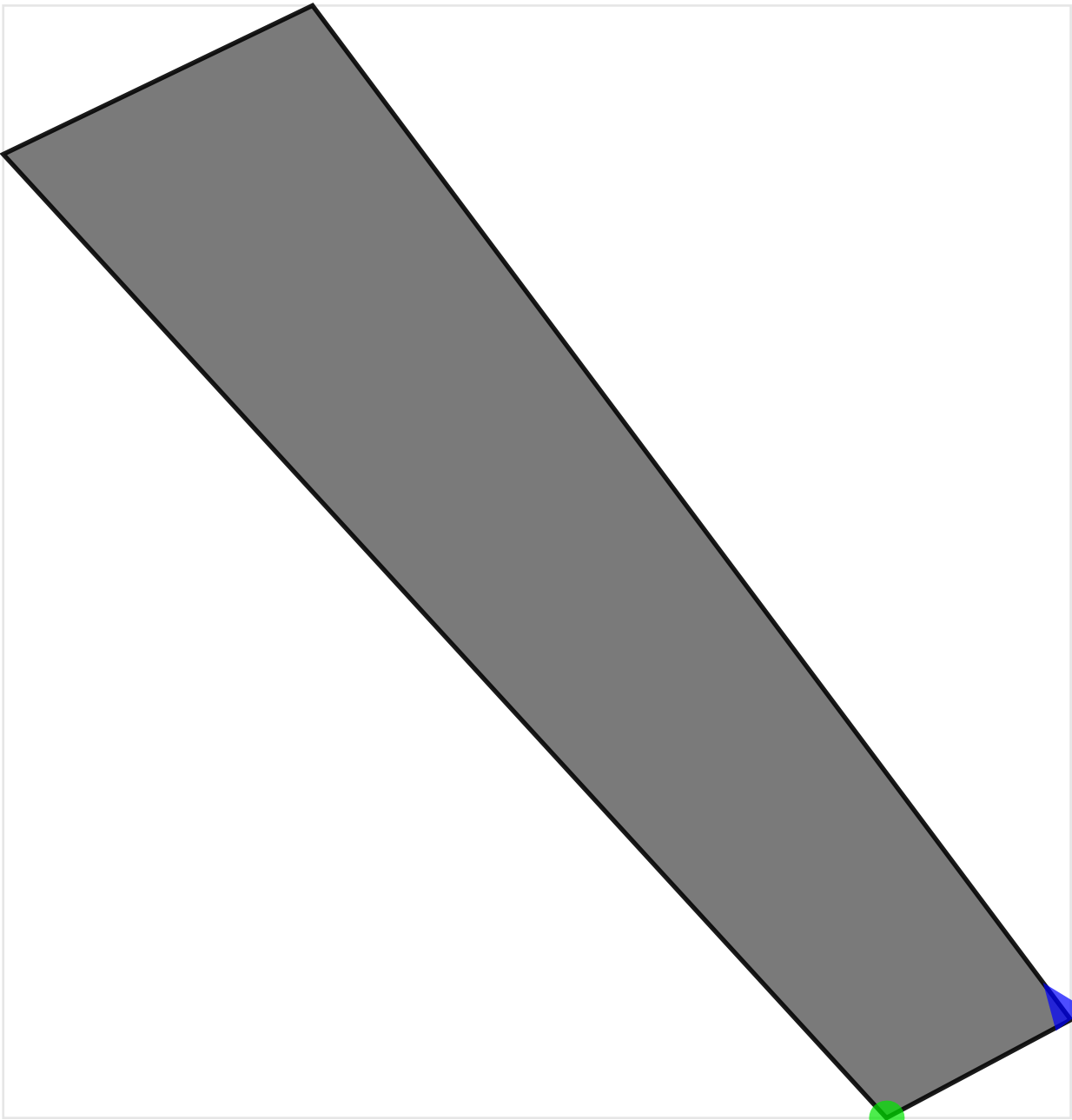


underweight, wrong\_start\_point

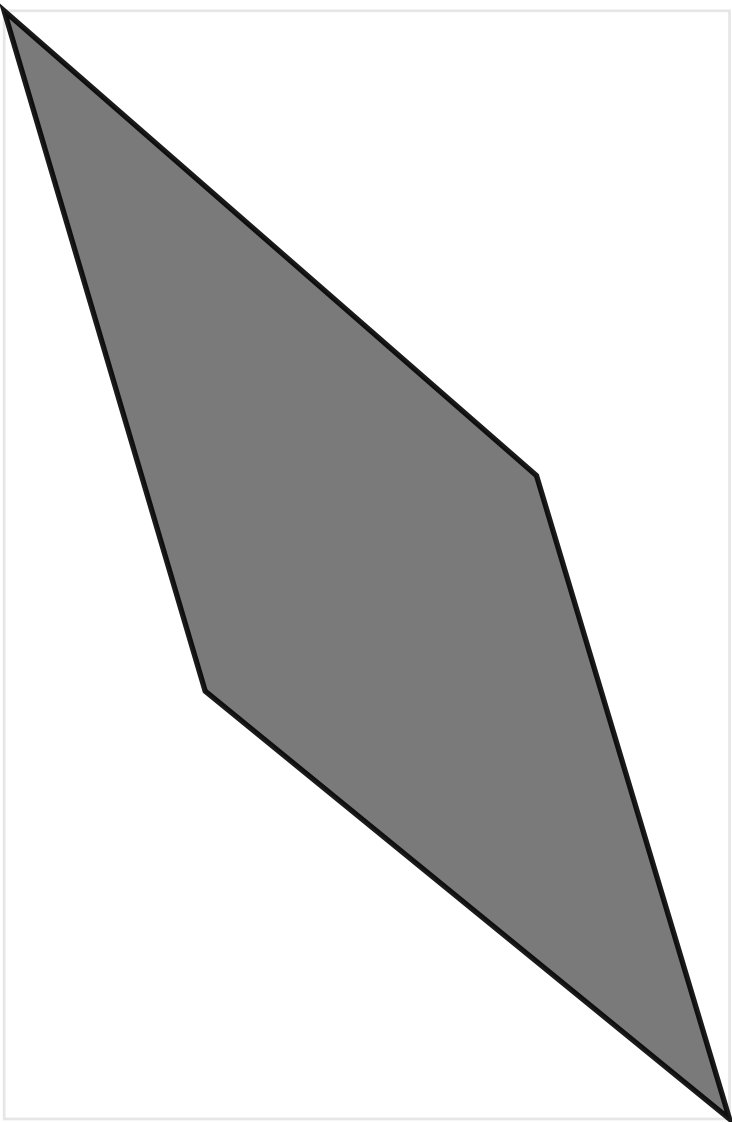
'width=151.0'



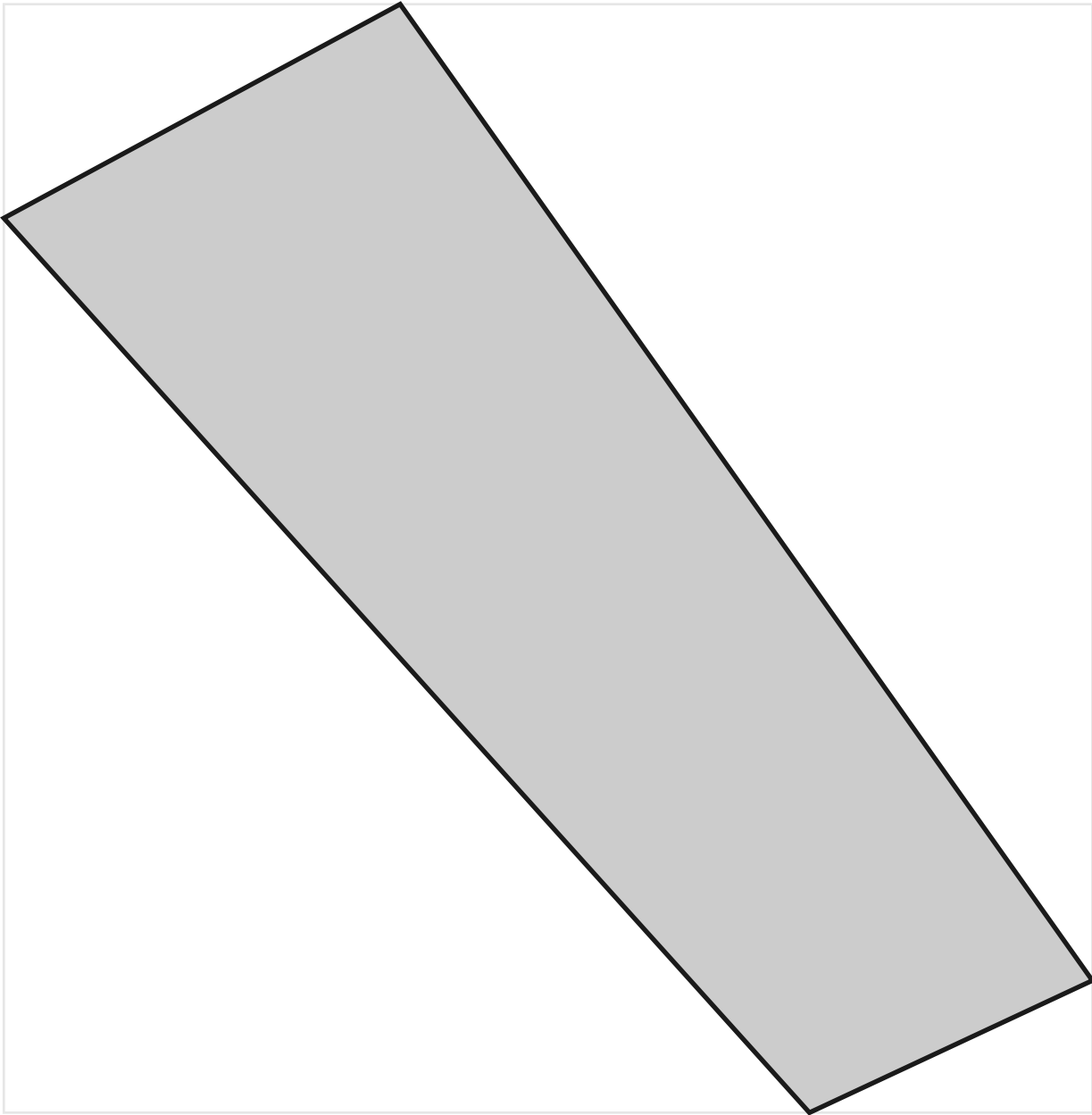
'width=151.0 wght=100.0'



midway interpolation

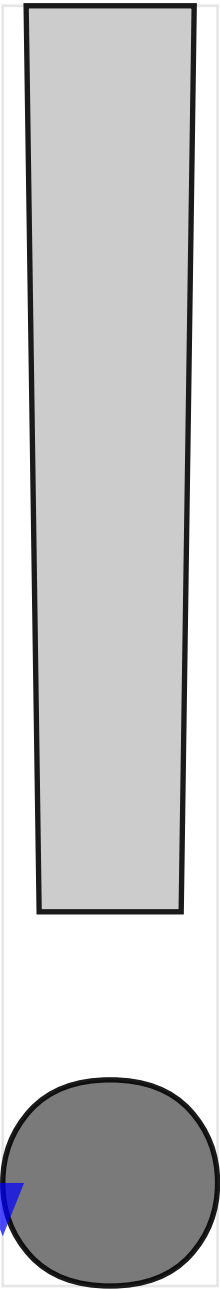


proposed fix

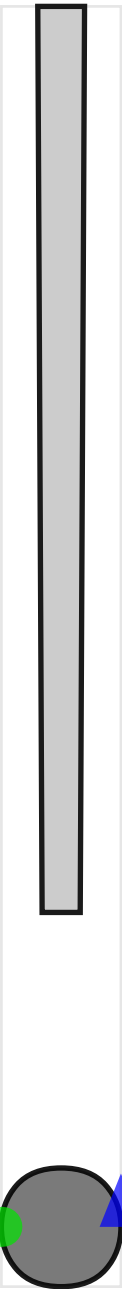


underweight, wrong\_start\_point

”



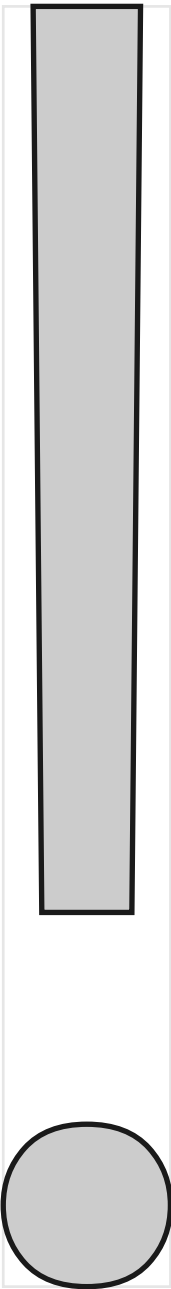
'XOPQ=27.0'



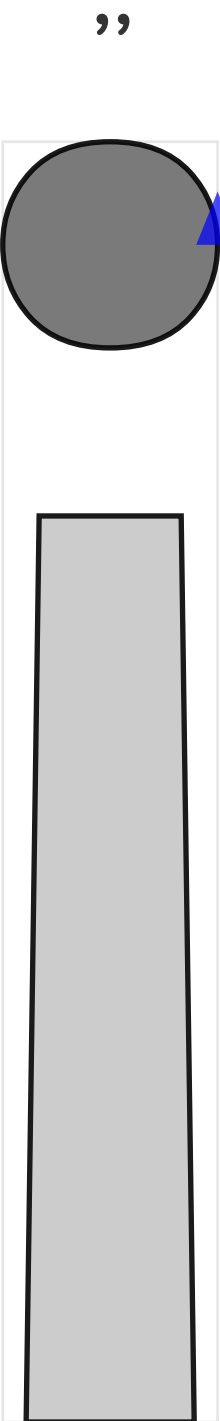
midway interpolation



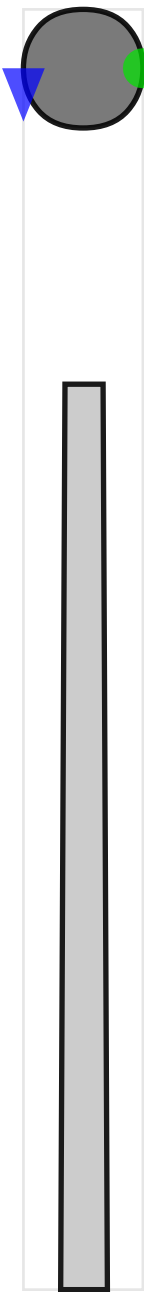
proposed fix



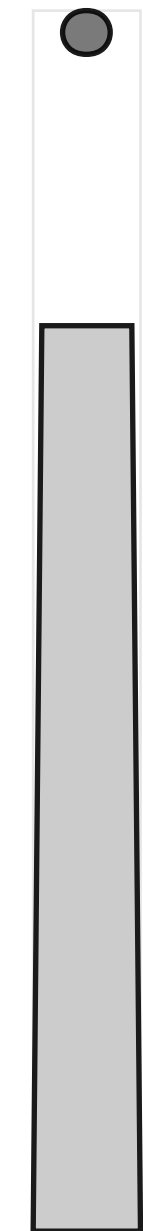
underweight, wrong\_start\_point



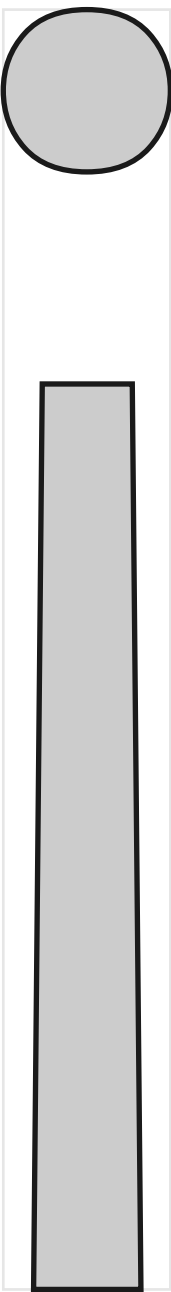
'XOPQ=27.0'



midway interpolation

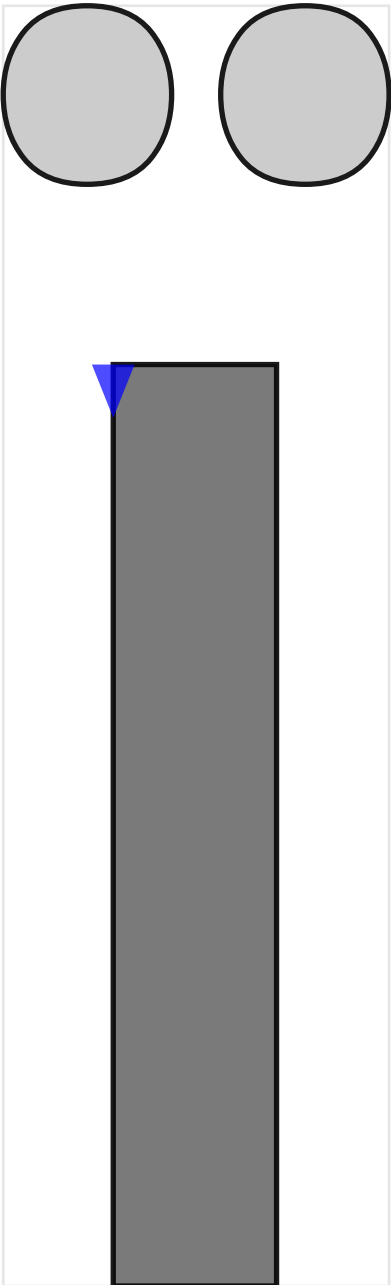


proposed fix

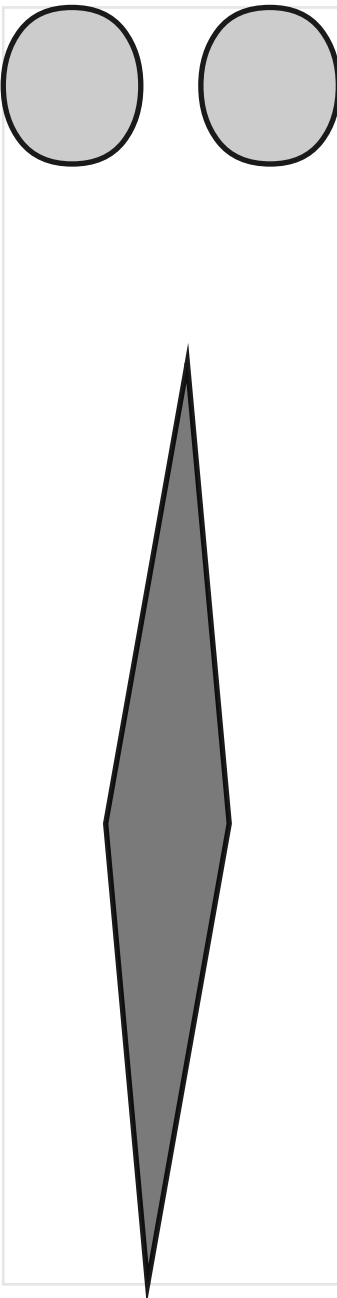


underweight, wrong\_start\_point

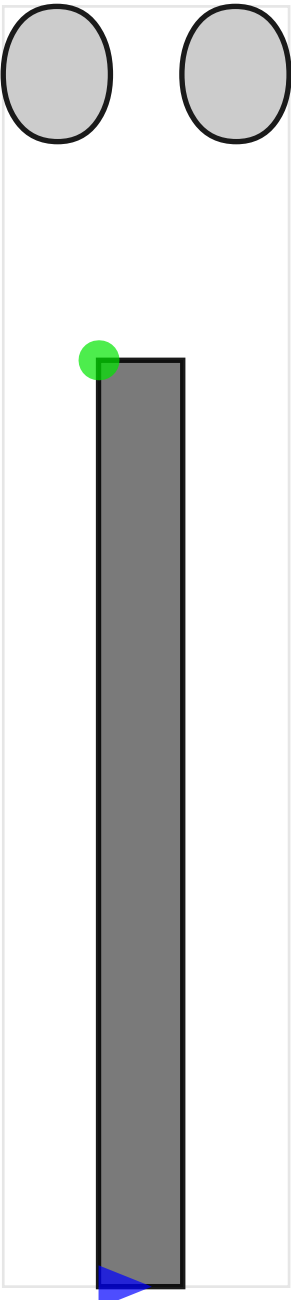
'opsz=8.0 width=25.0'



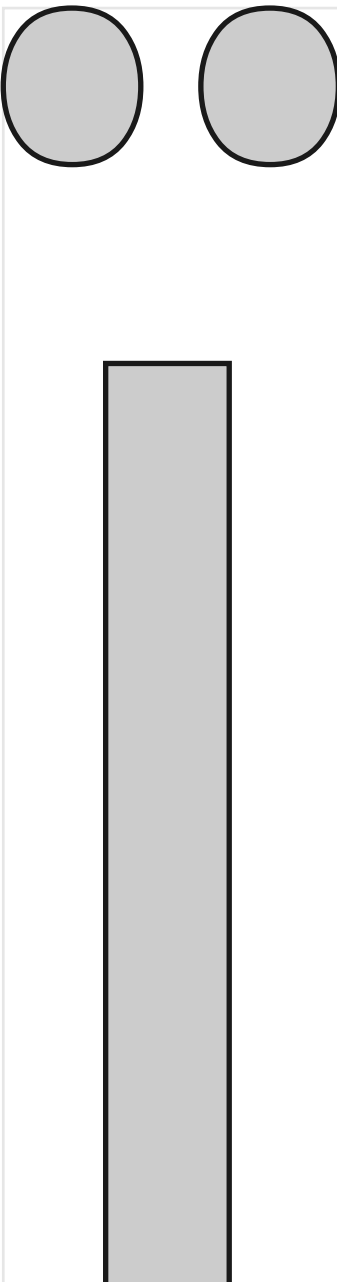
midway interpolation



'opsz=8.0 width=25.0 wght=100.0'

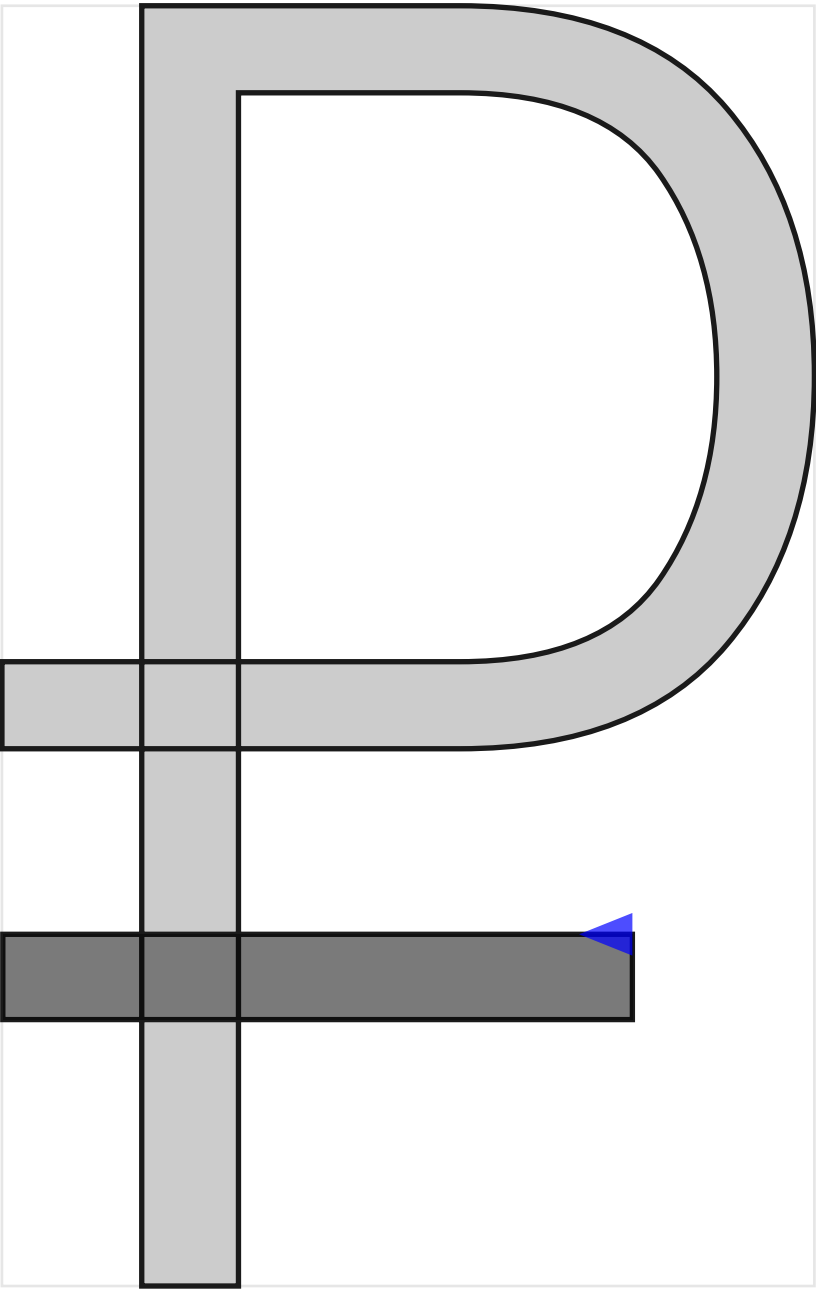


proposed fix

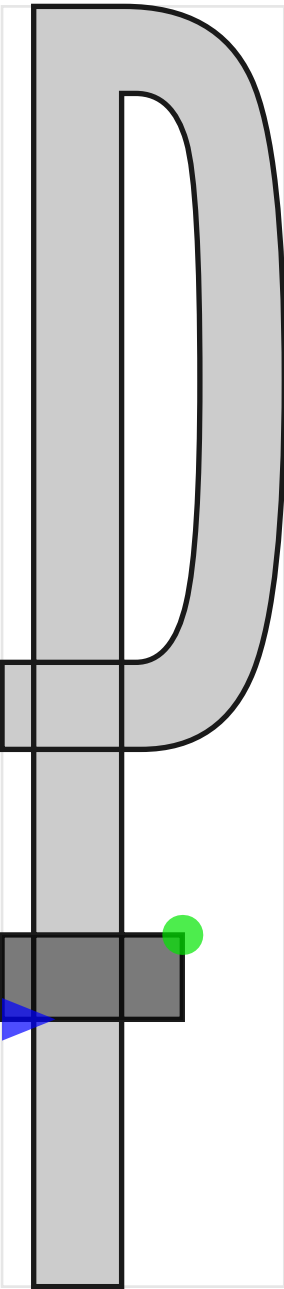


underweight, wrong\_start\_point

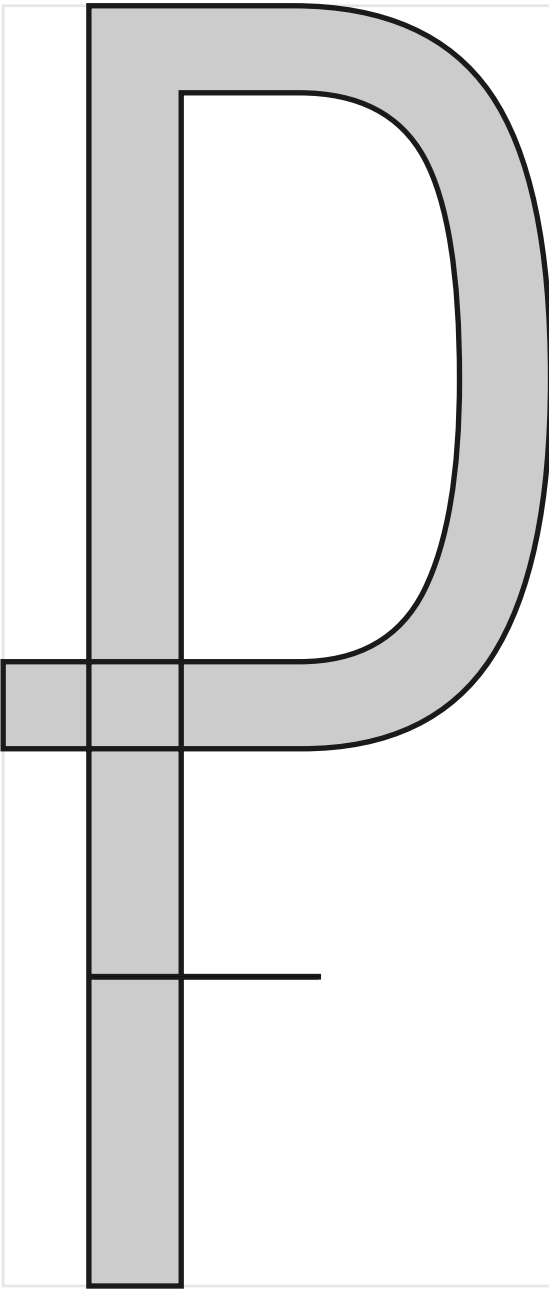
'opsz=144.0'



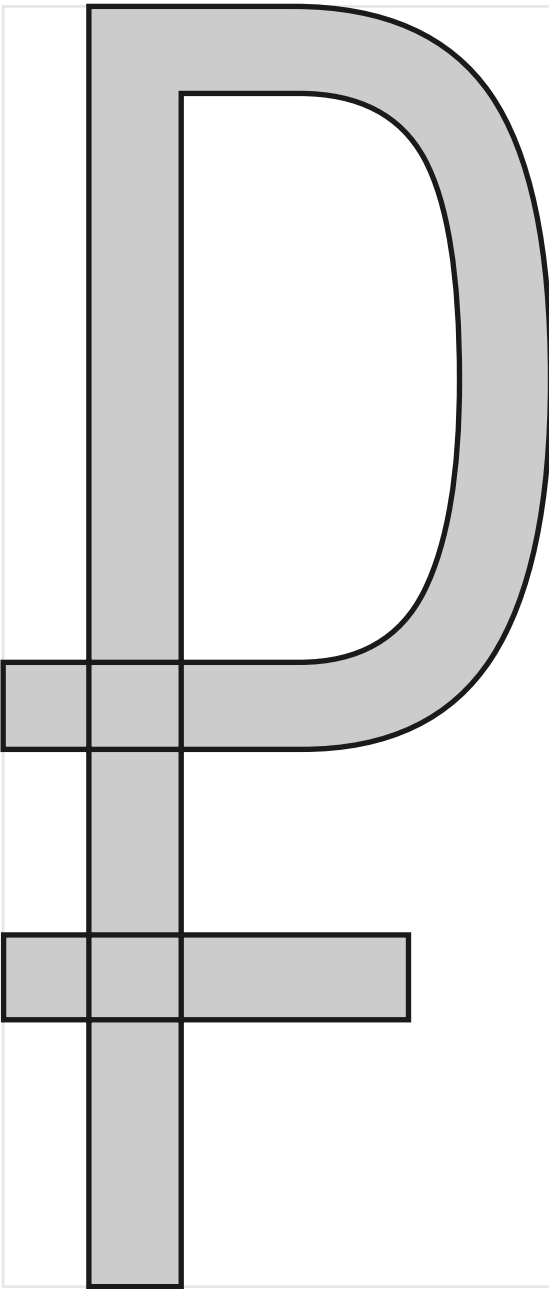
'opsz=144.0 width=25.0'



midway interpolation

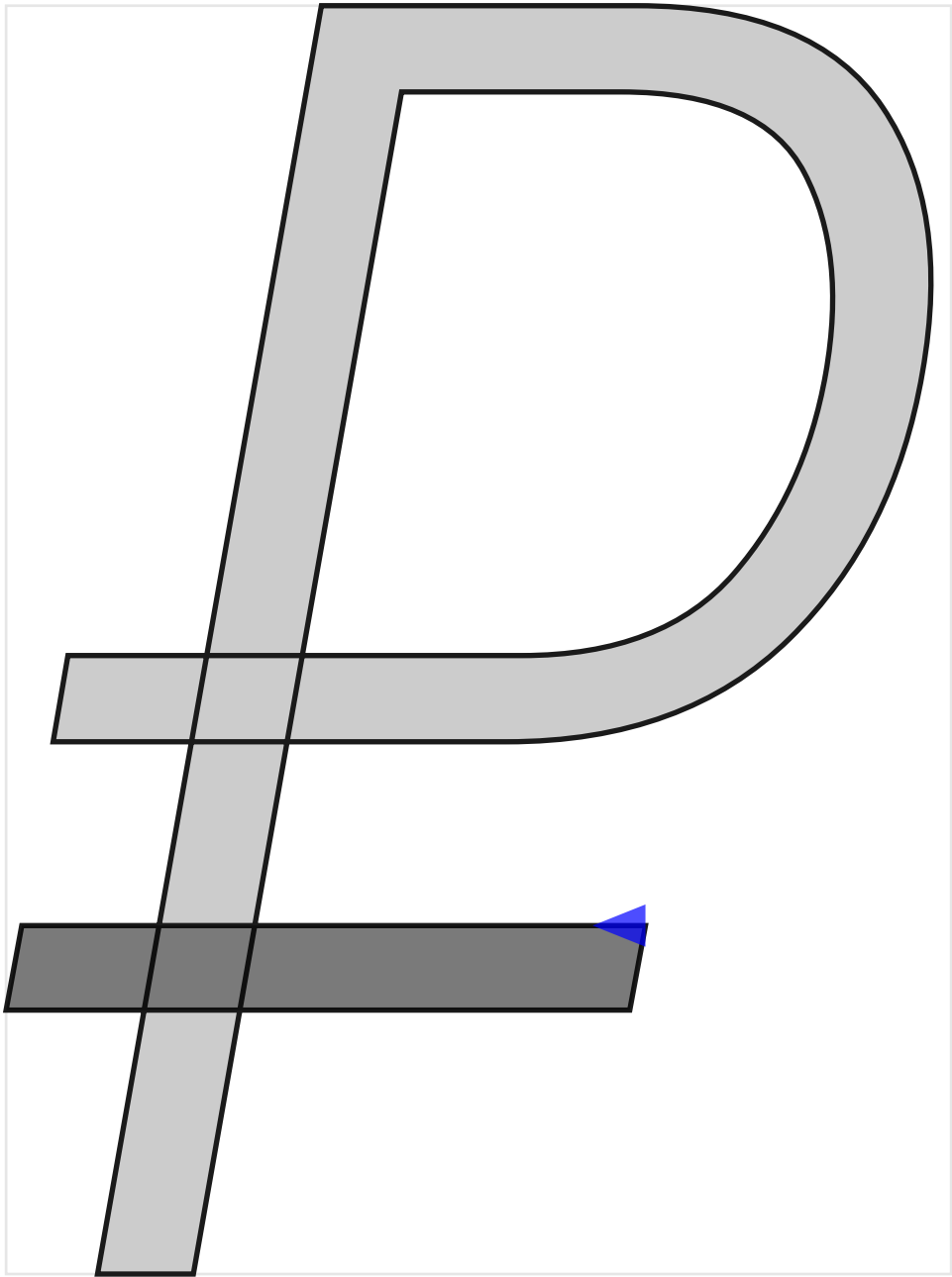


proposed fix

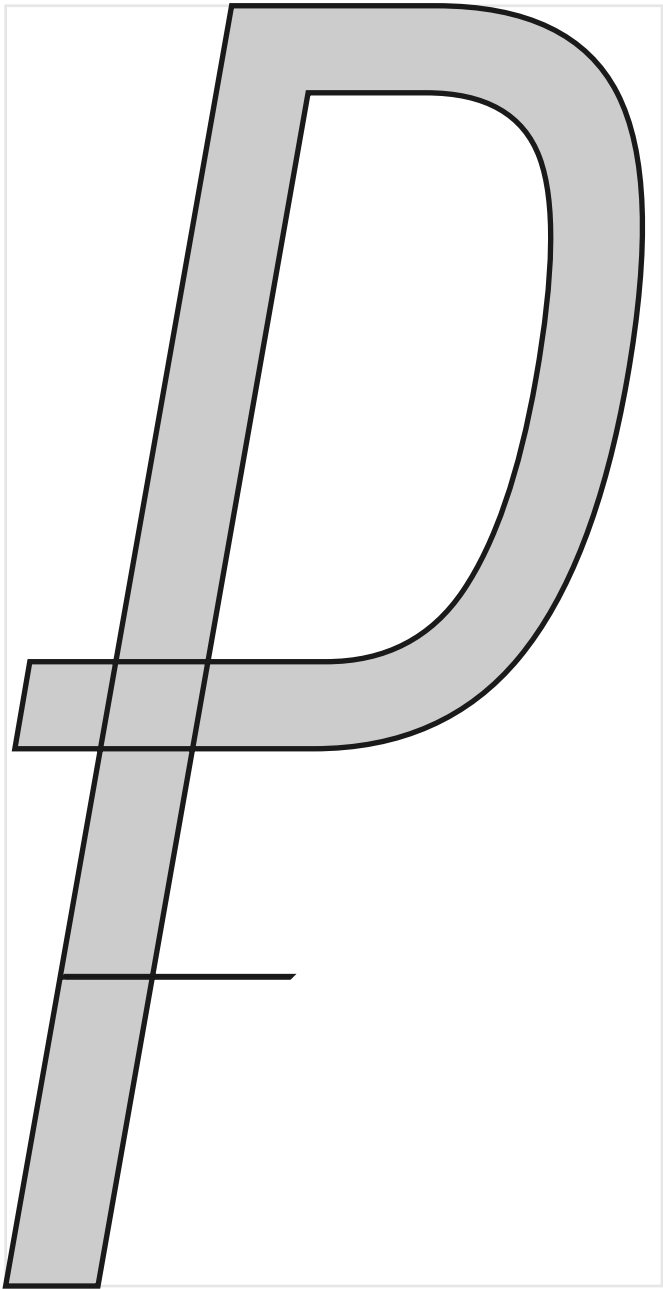


underweight, wrong\_start\_point

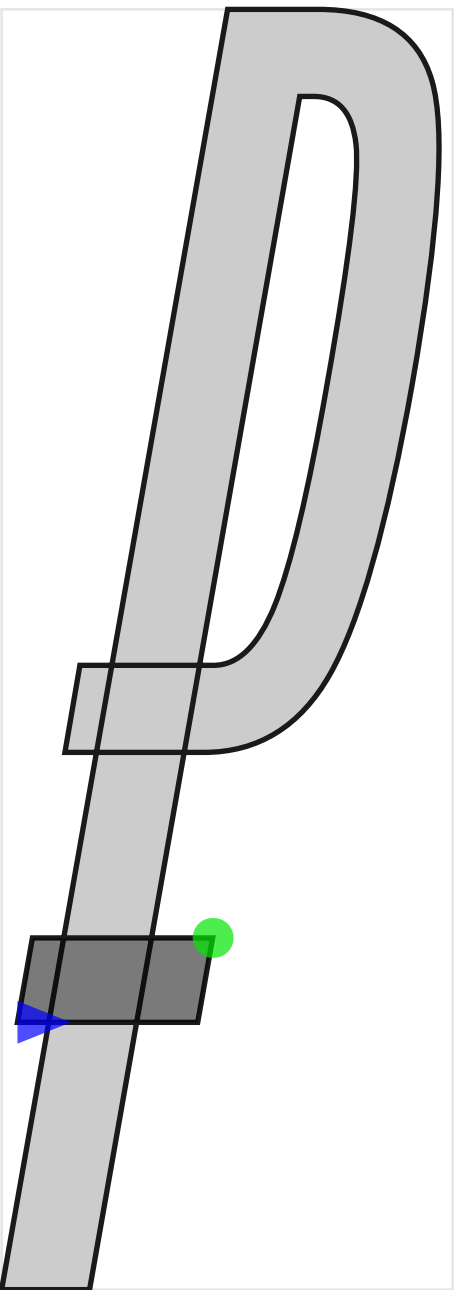
'opsz=144.0 slnt=-10.0'



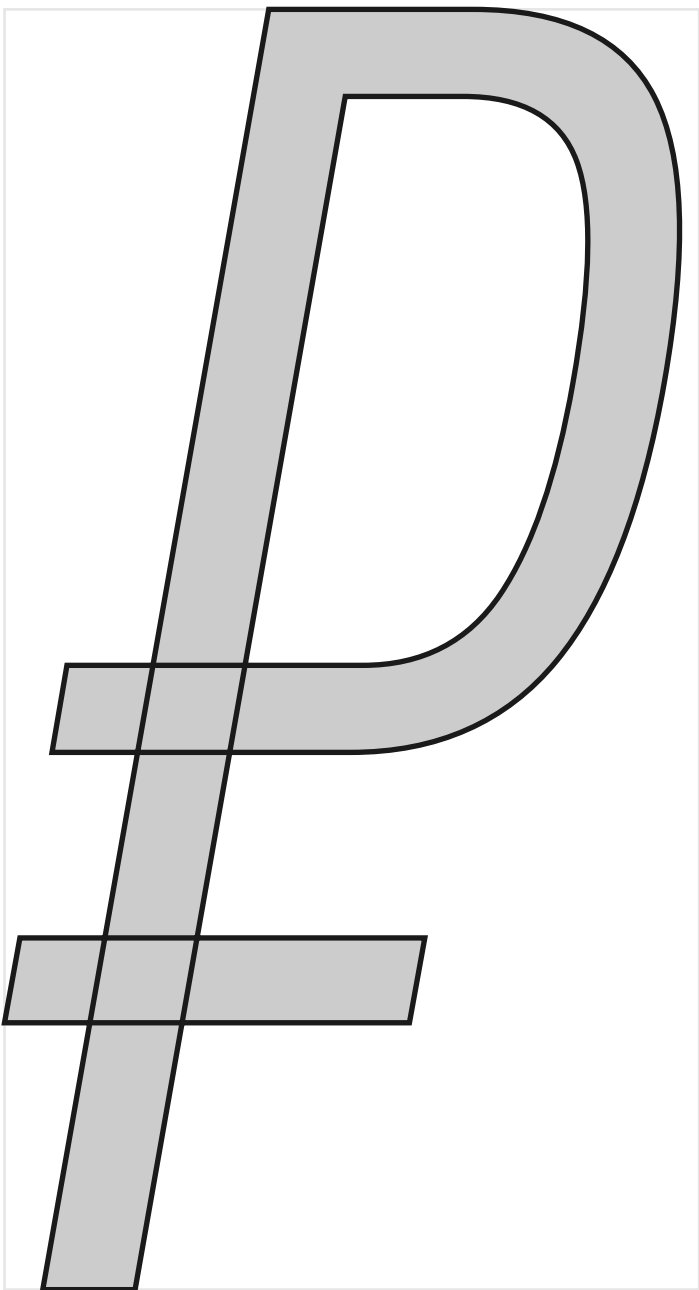
midway interpolation



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

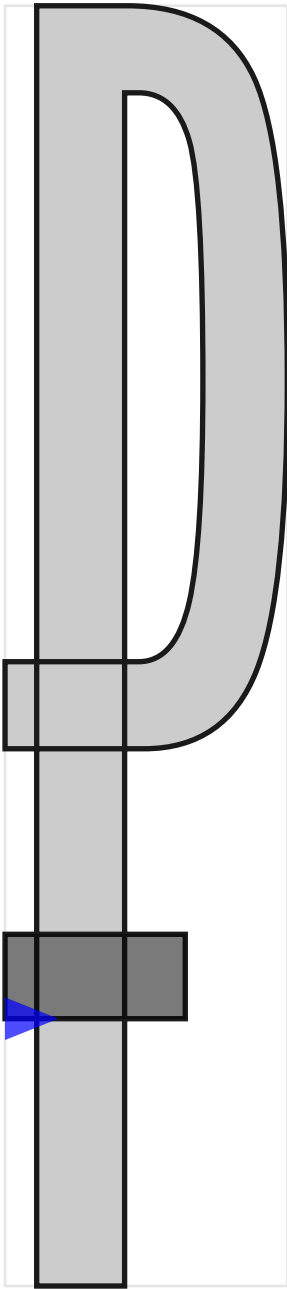


proposed fix

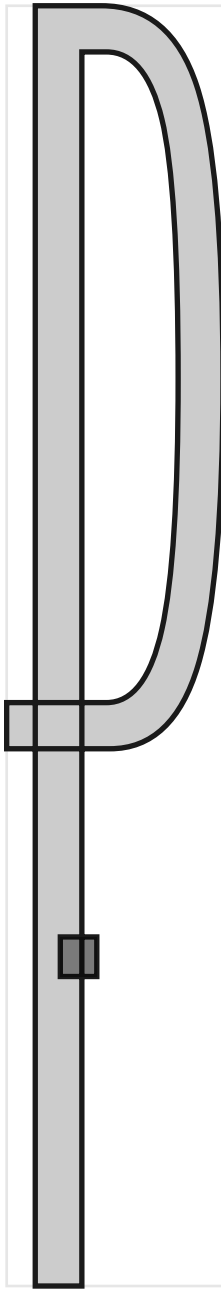


underweight, wrong\_start\_point

'opsz=144.0 width=25.0'



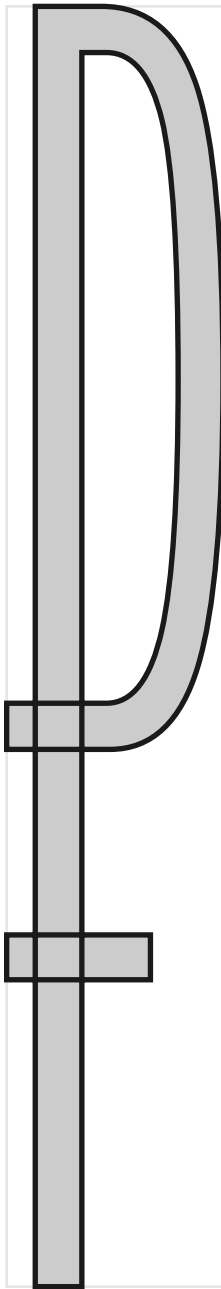
midway interpolation



'opsz=144.0 width=25.0 wght=100.0'

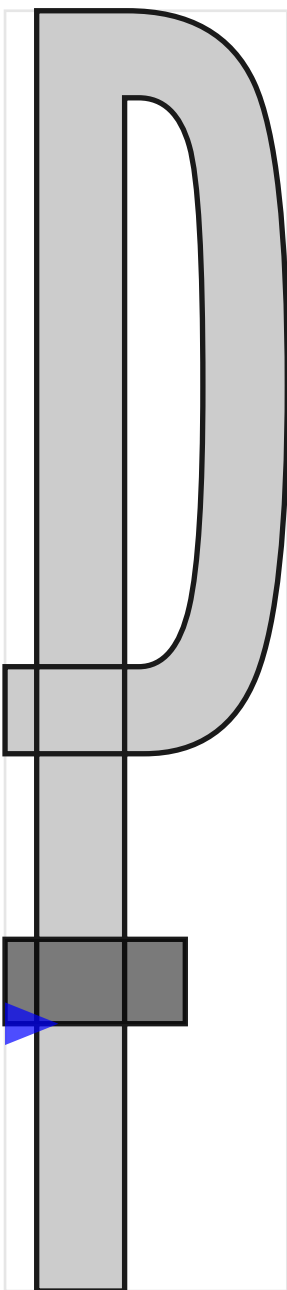


proposed fix

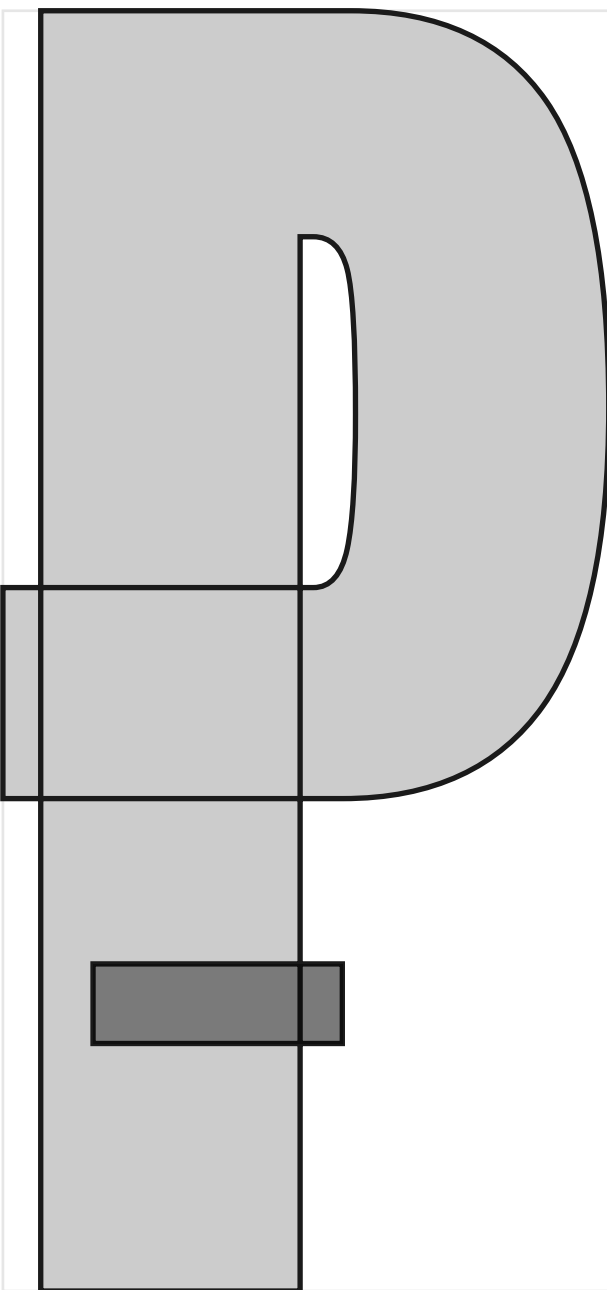


underweight, wrong\_start\_point

'opsz=144.0 width=25.0'

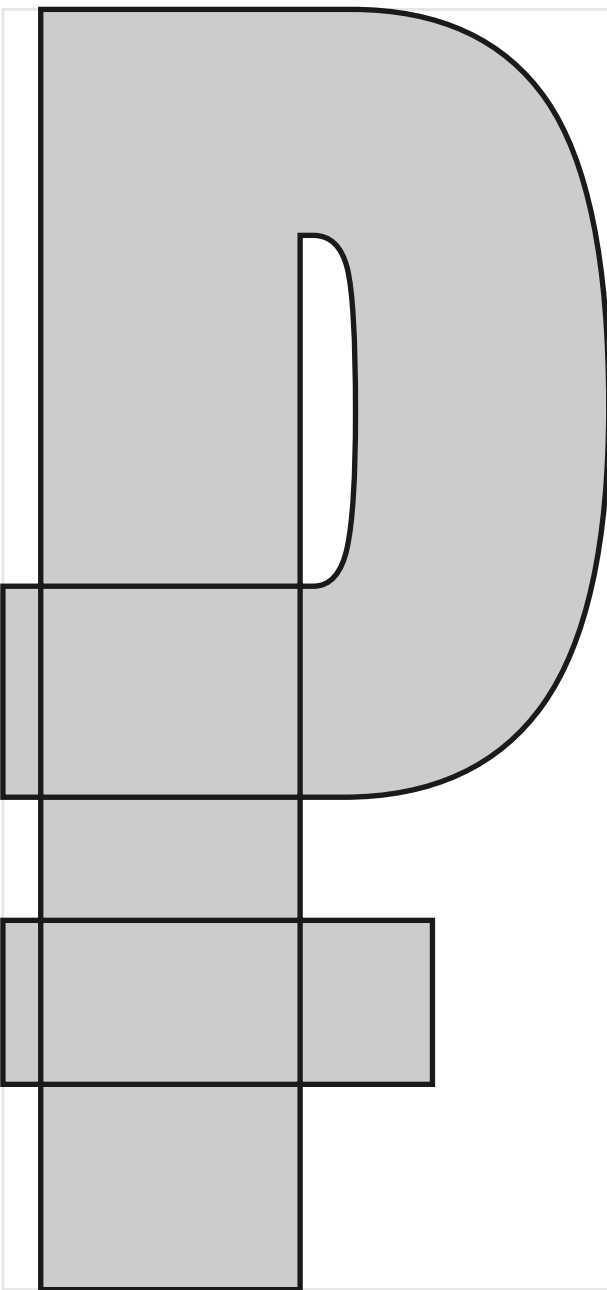
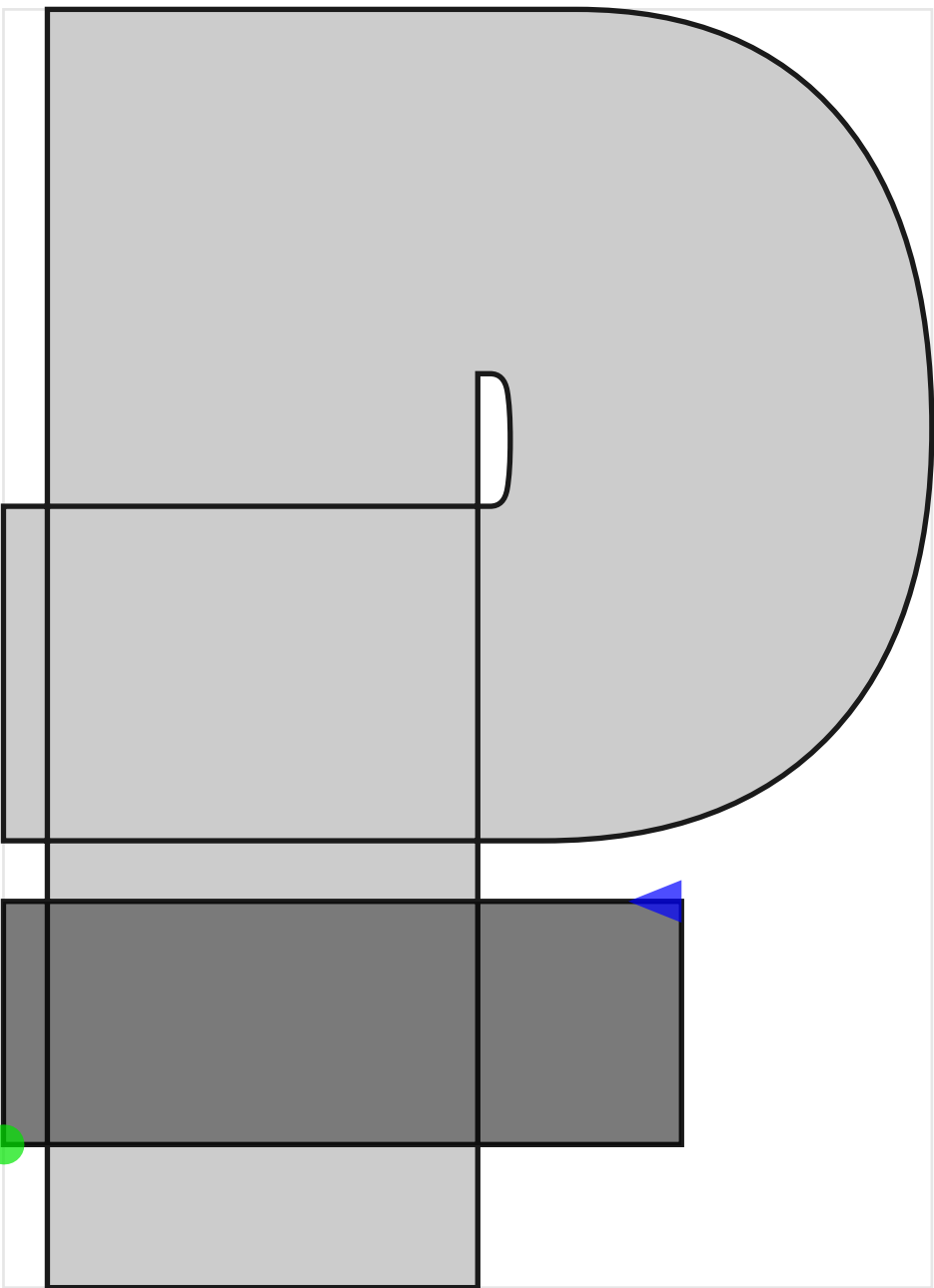


midway interpolation



'opsz=144.0 width=25.0 wght=1000.0'

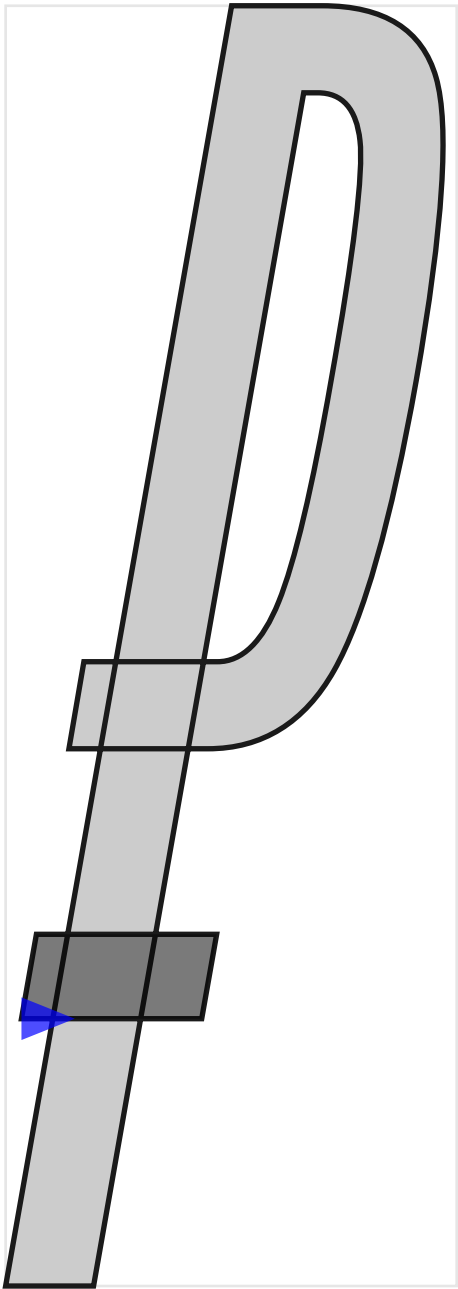
proposed fix



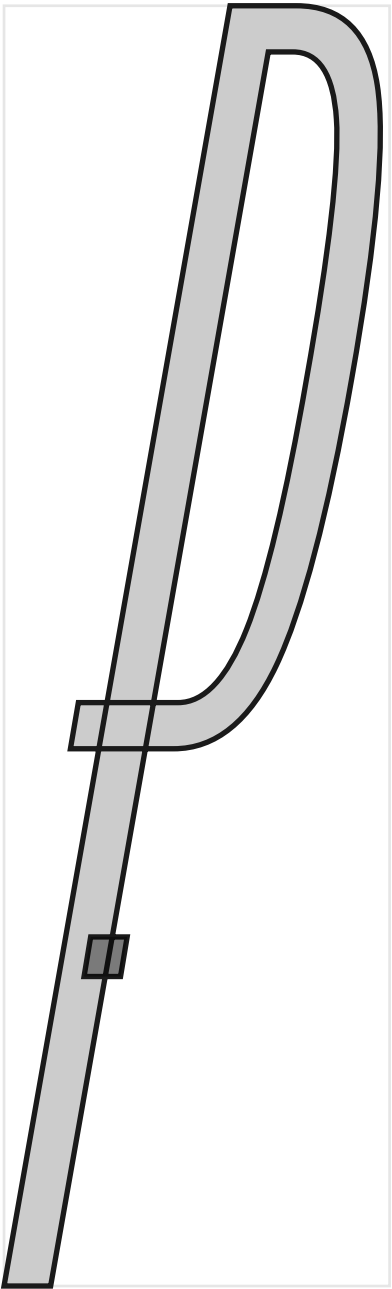


underweight, wrong\_start\_point

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

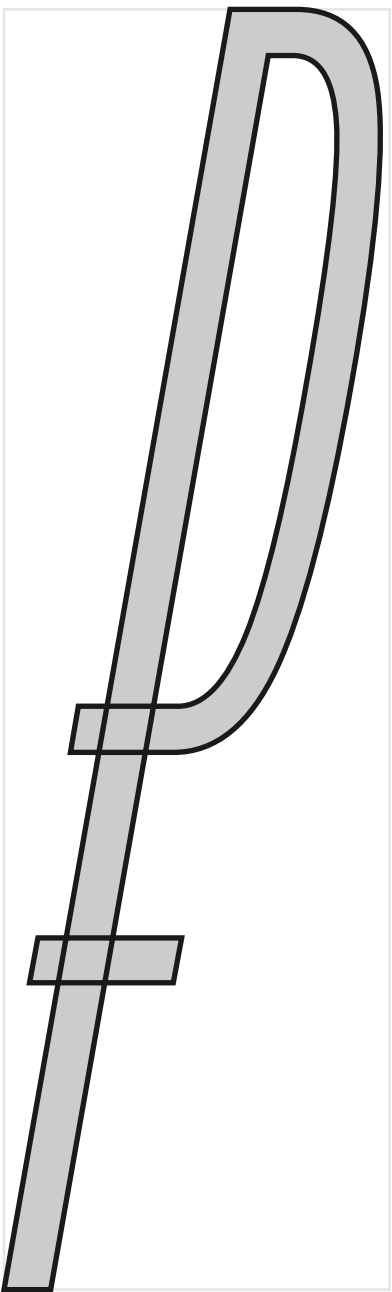
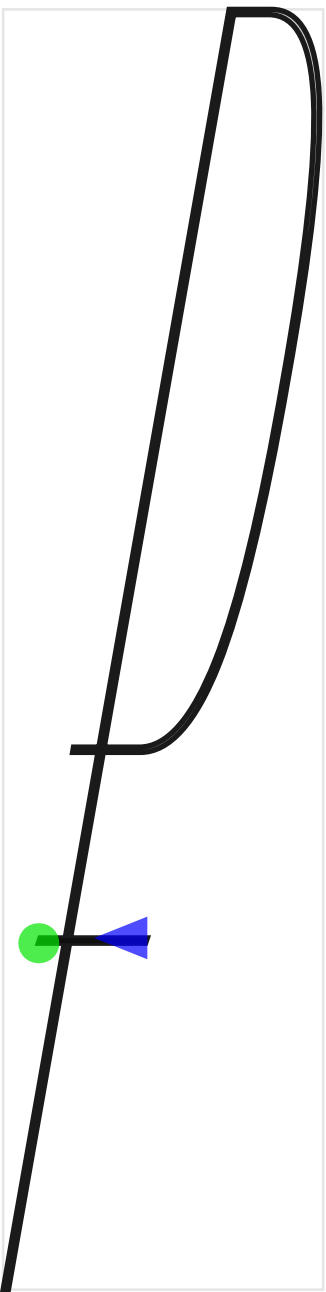


midway interpolation



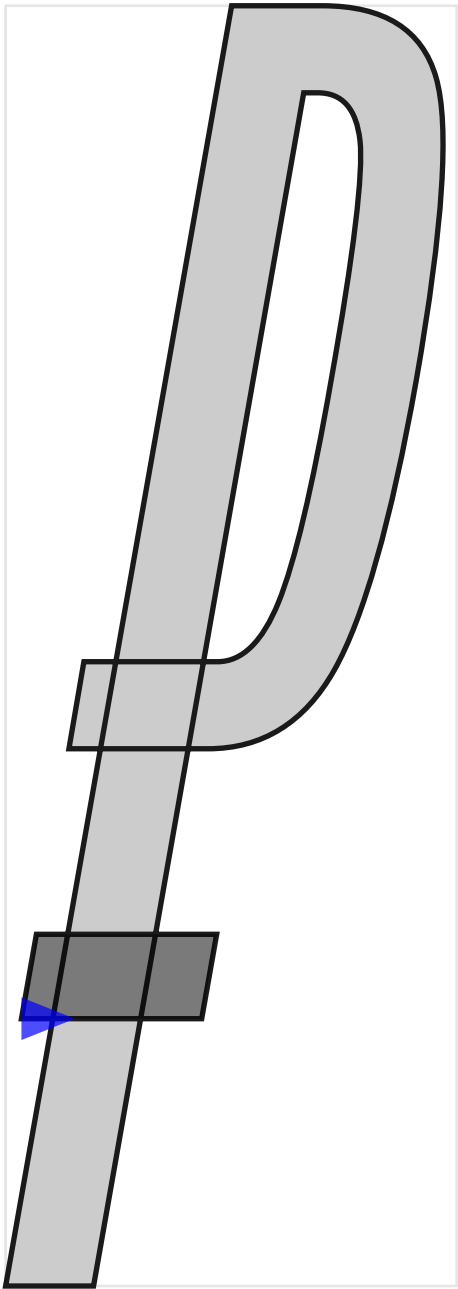
'opsz=144.0 slnt=-10.0 width=25.0 wght=100.0'

proposed fix

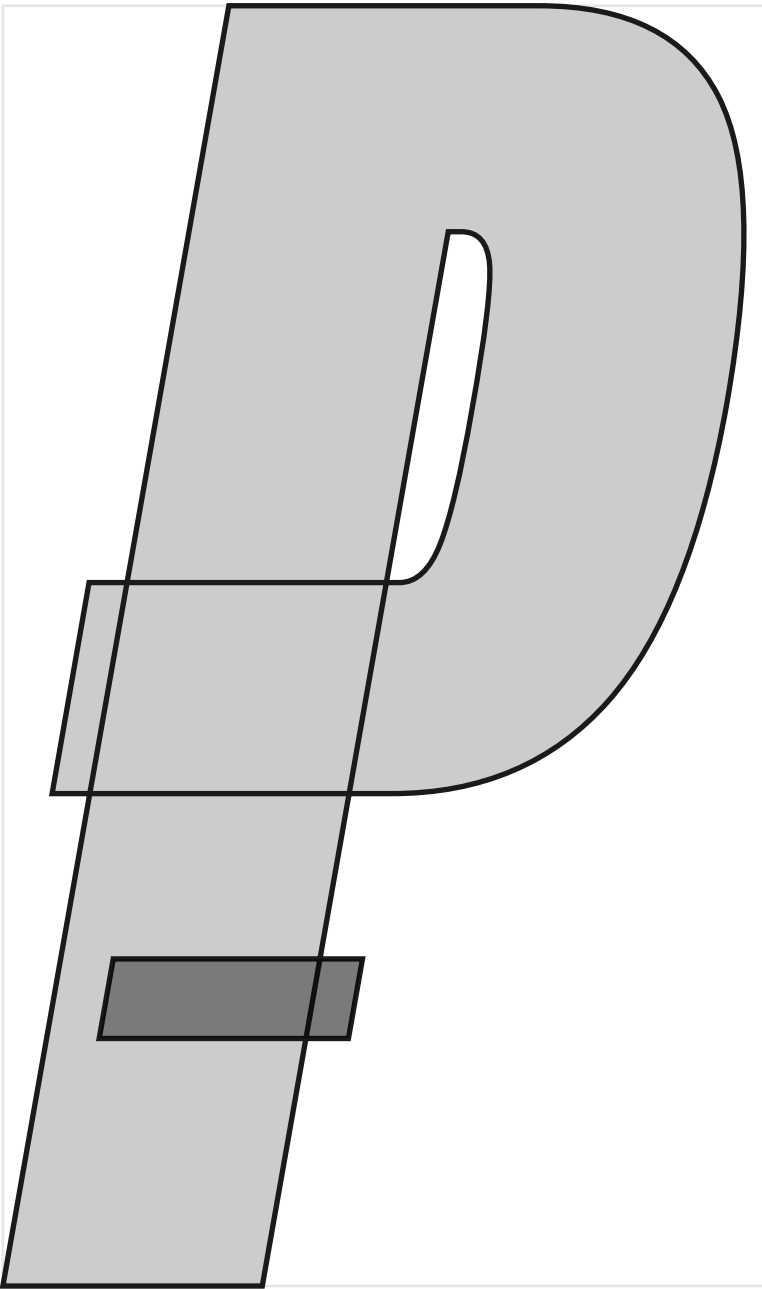


underweight, wrong\_start\_point

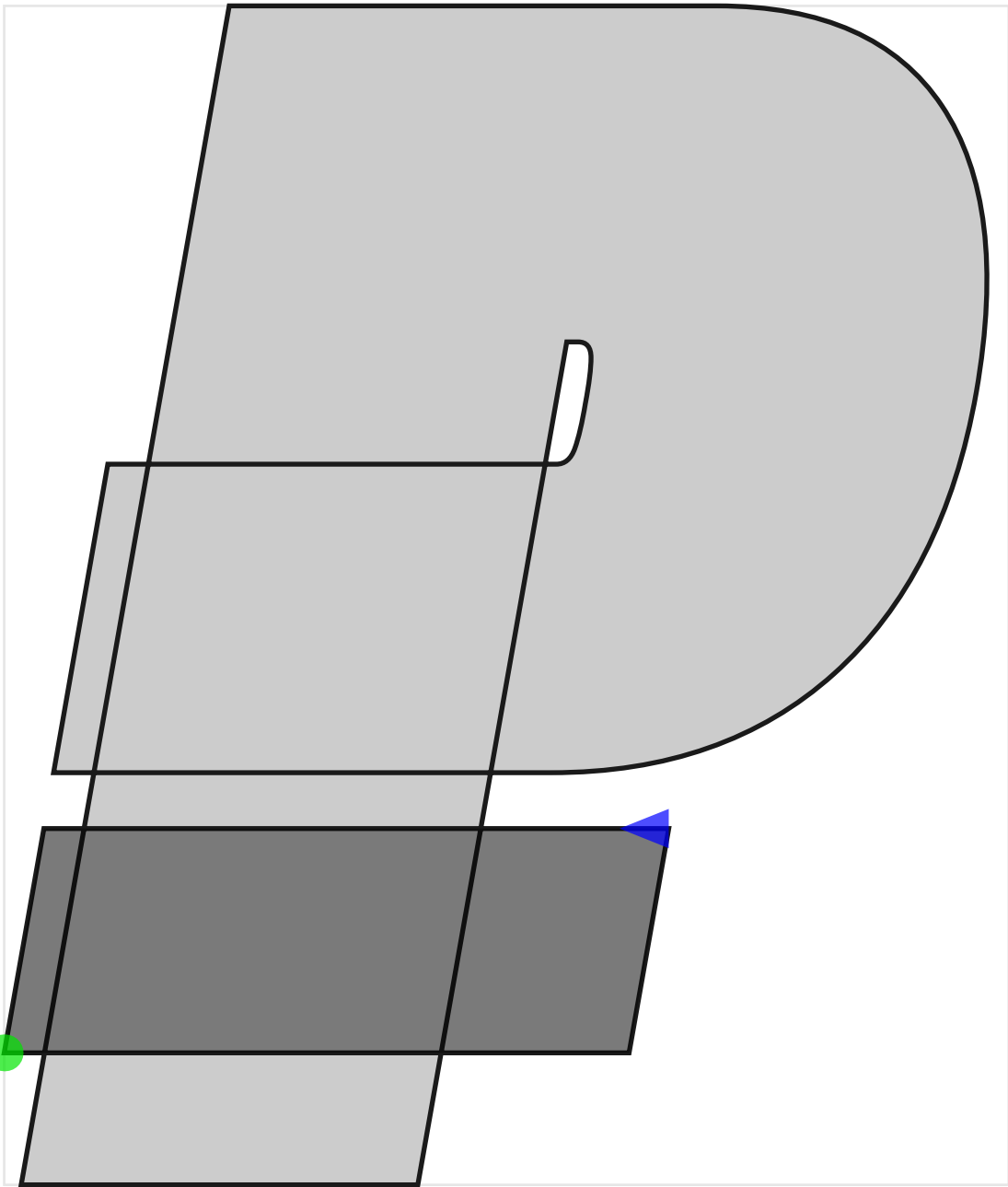
'opsz=144.0 slnt=-10.0 width=25.0'



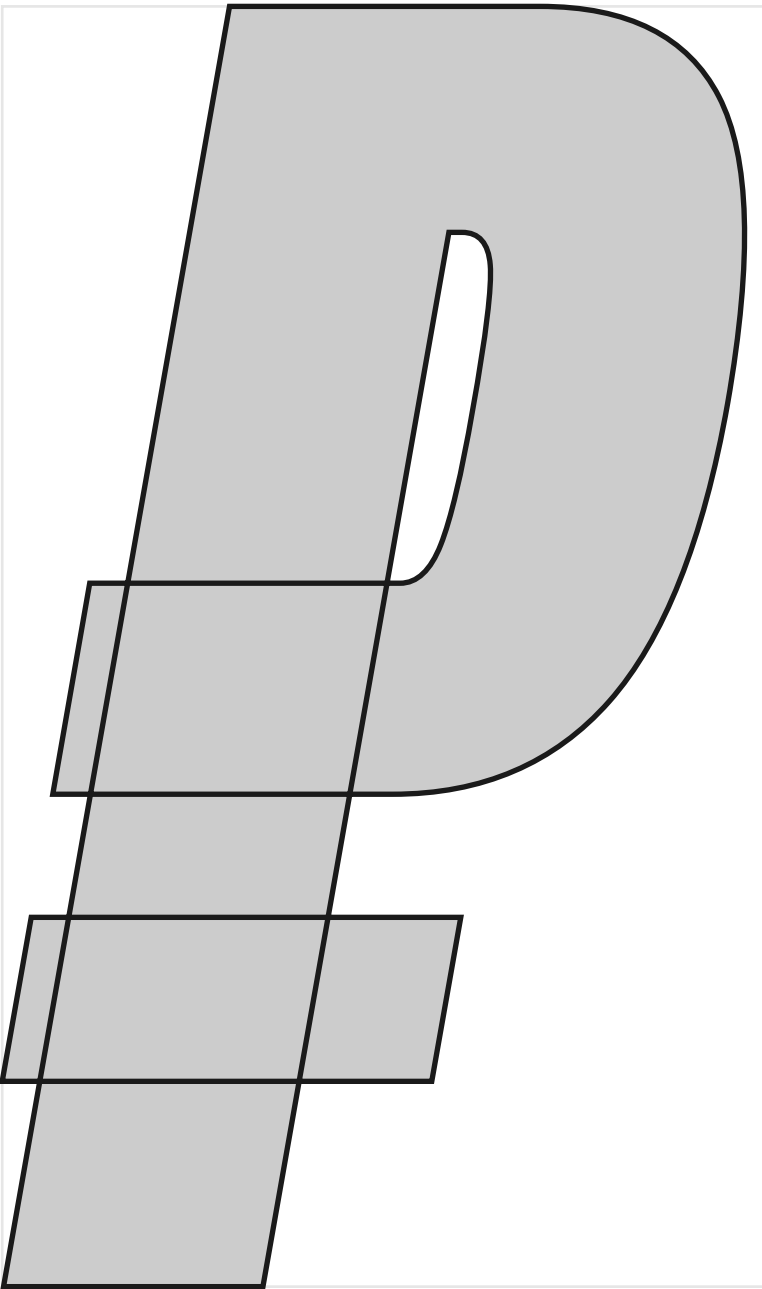
midway interpolation



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

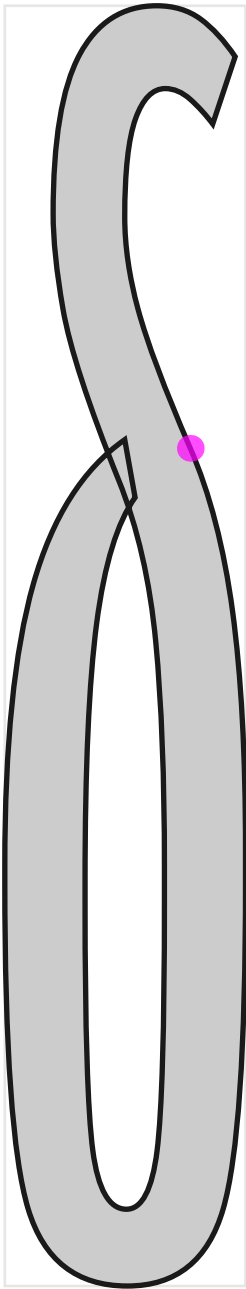


proposed fix

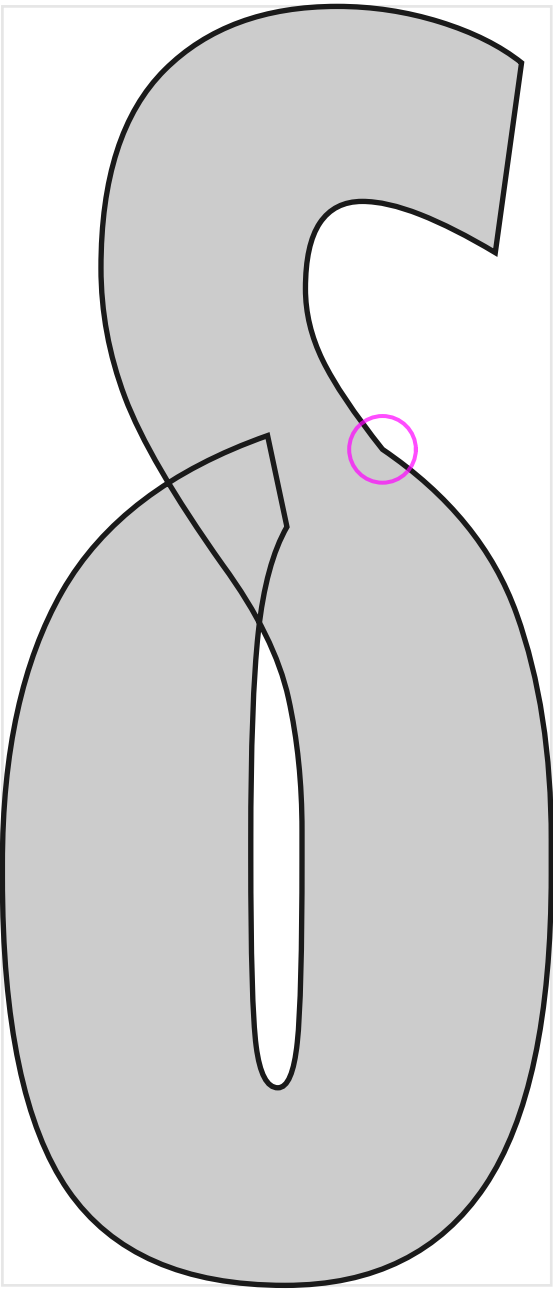


kink

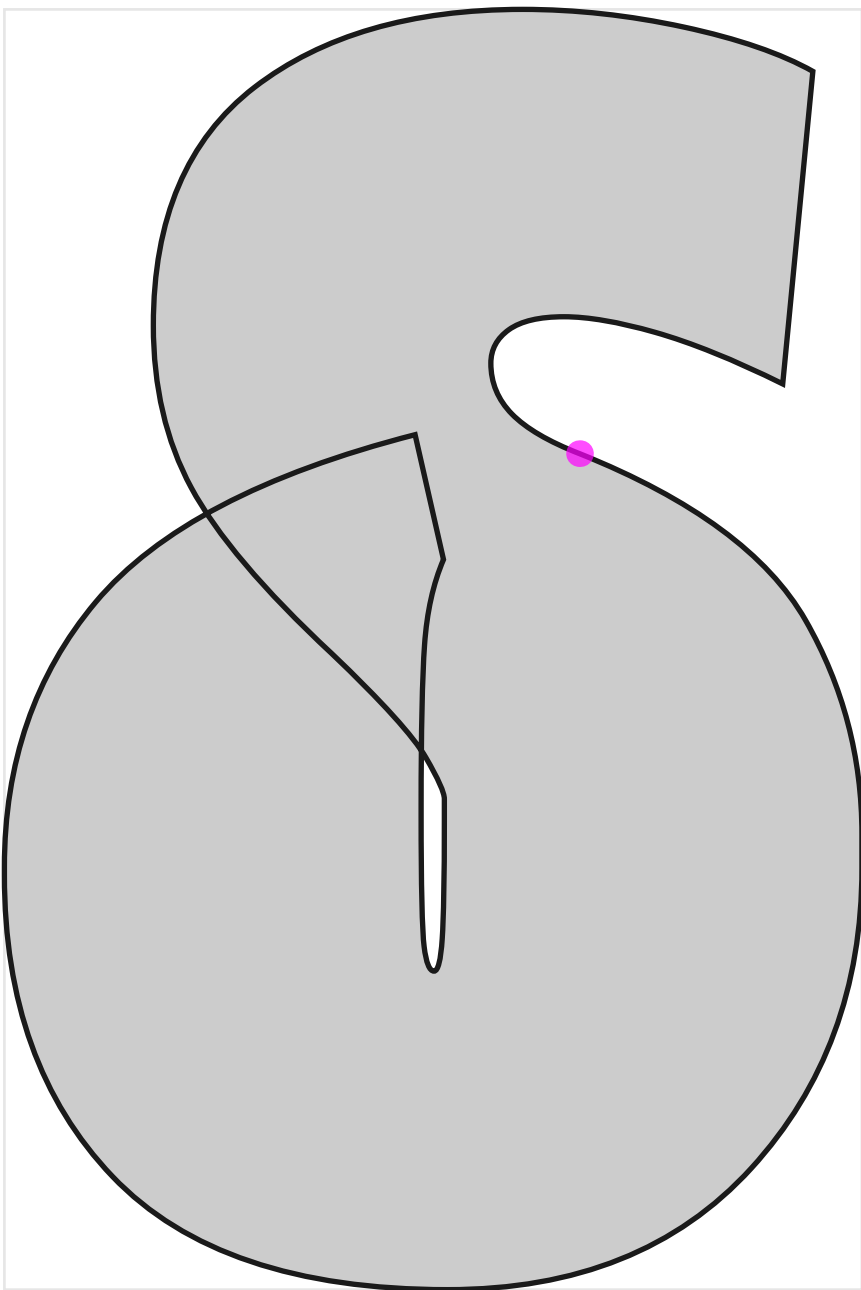
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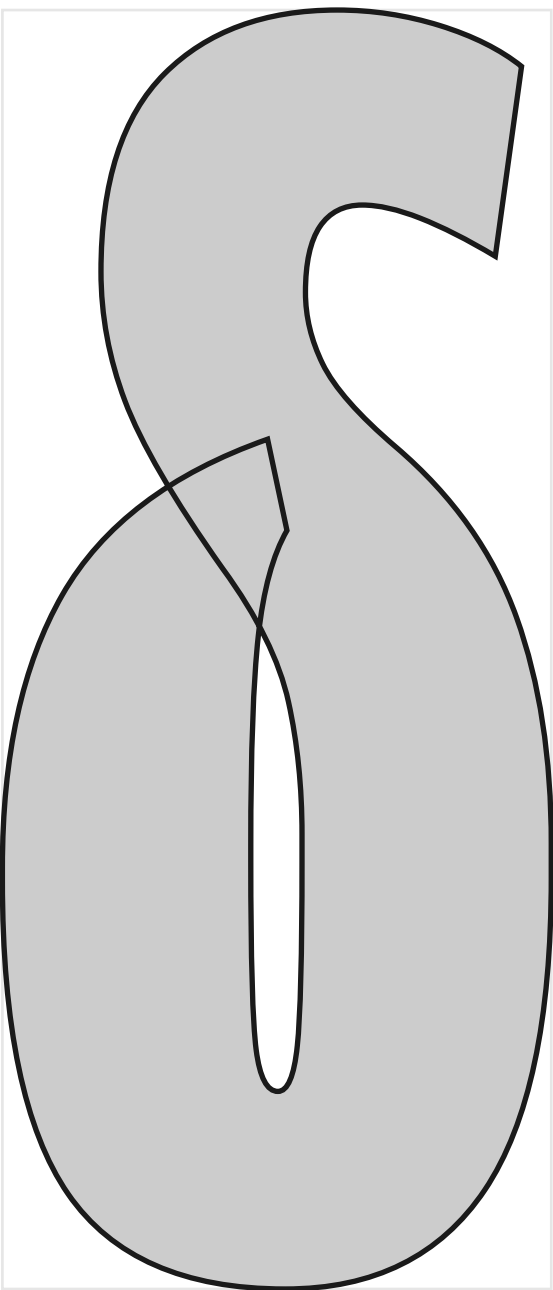
midway interpolation



'opsz=144.0 width=25.0 wght=1000.0'

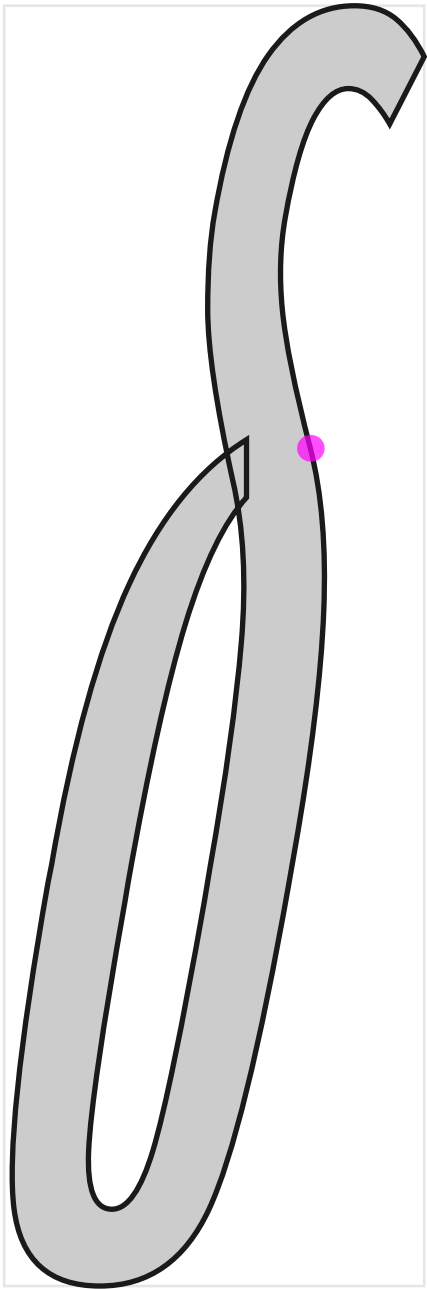


proposed fix

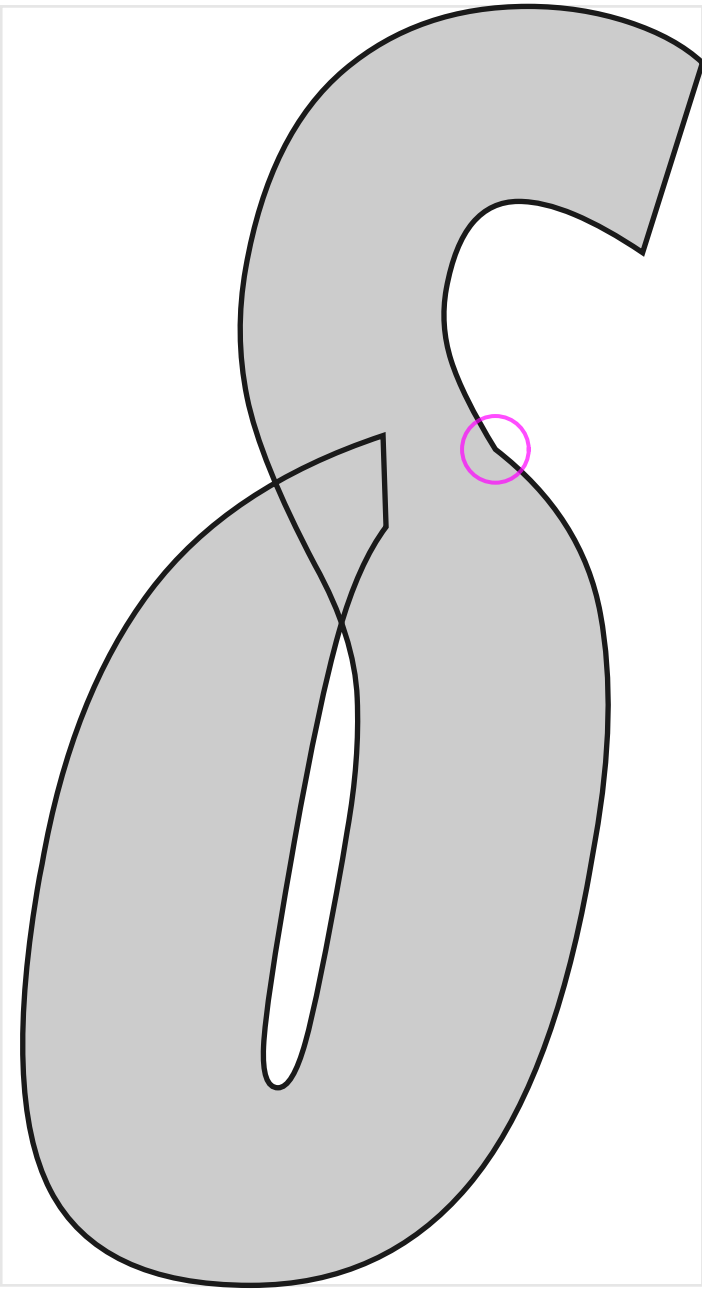


kink

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

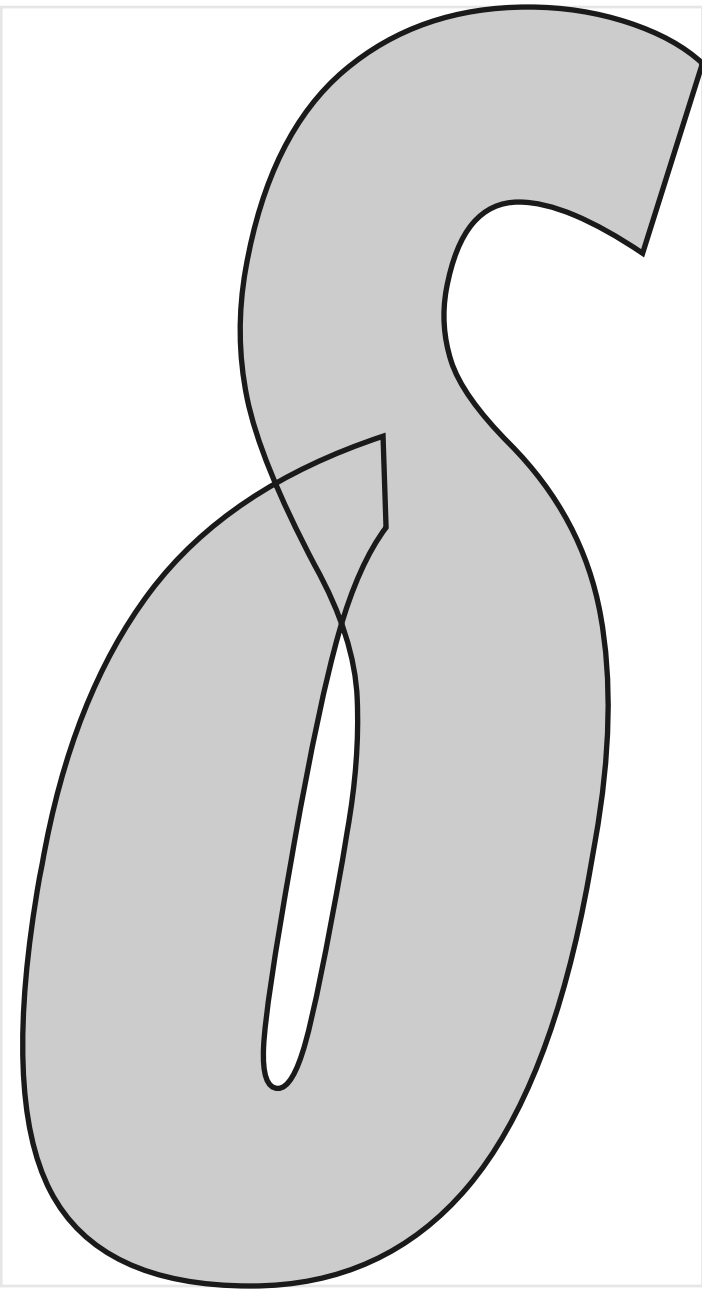
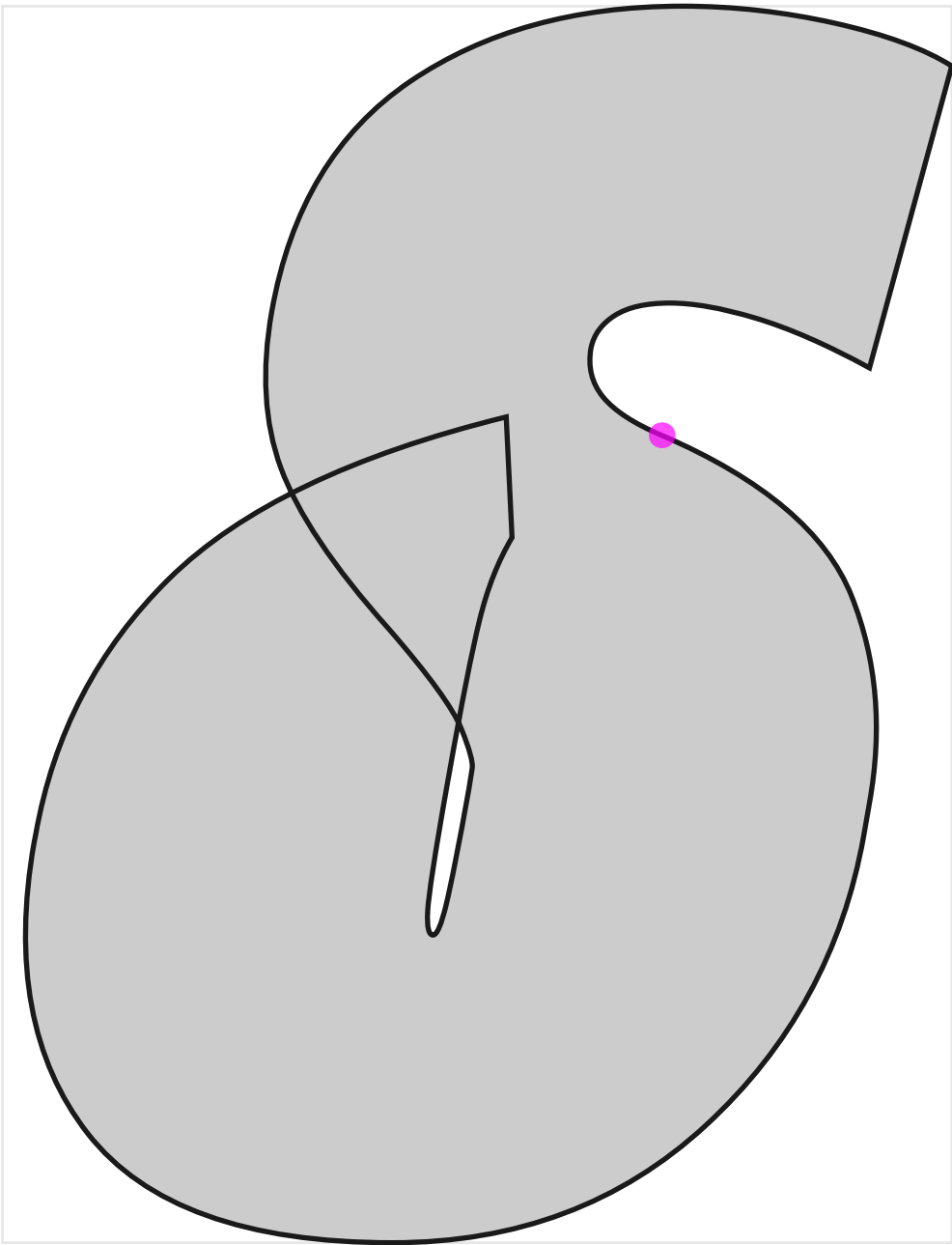


midway interpolation



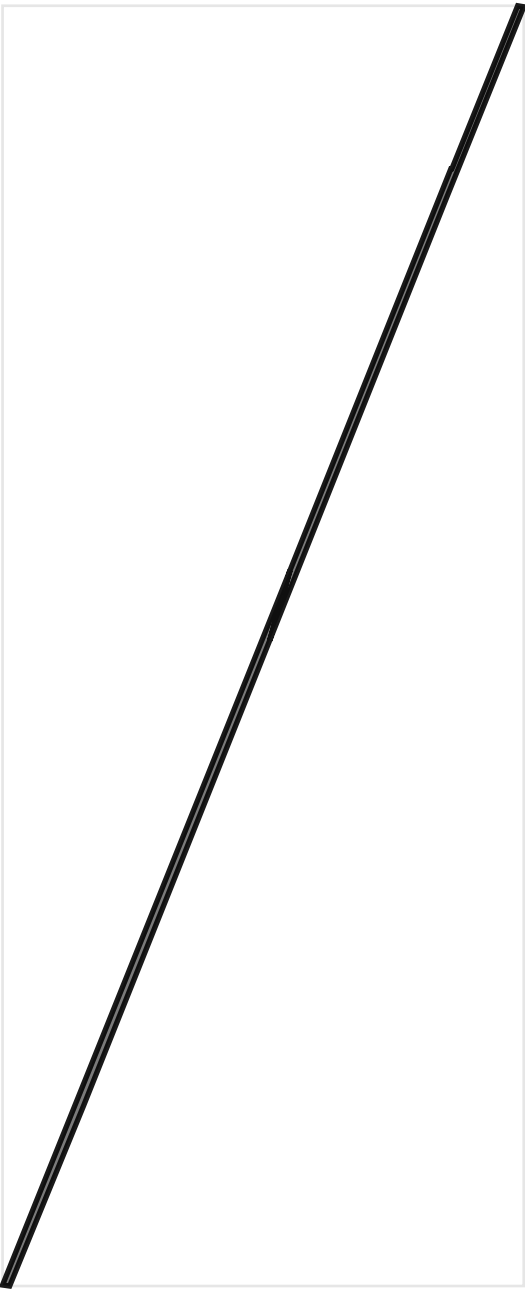
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proposed fix

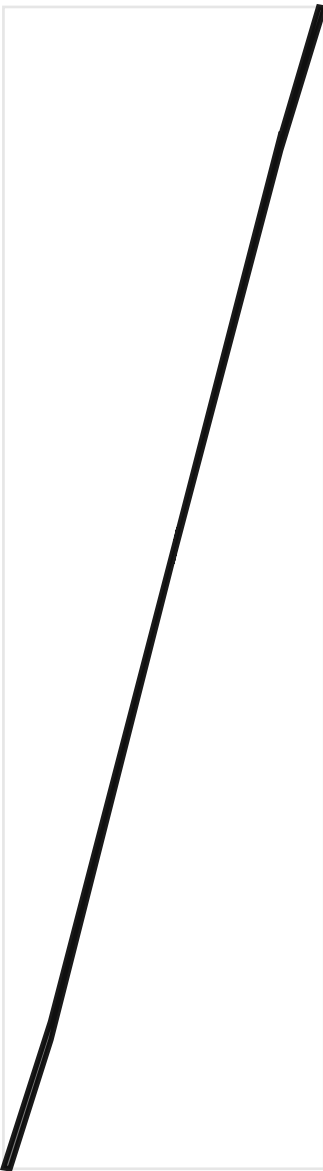


underweight

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



midway interpolation

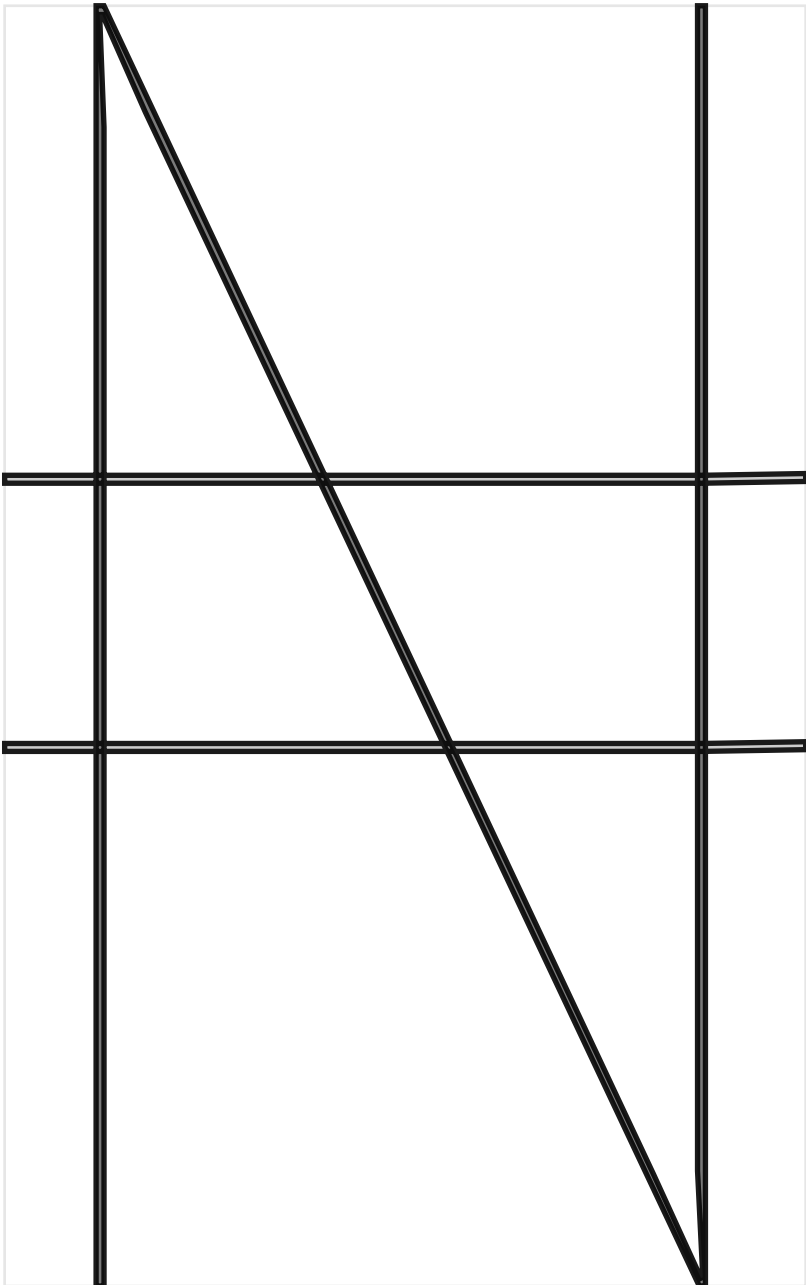


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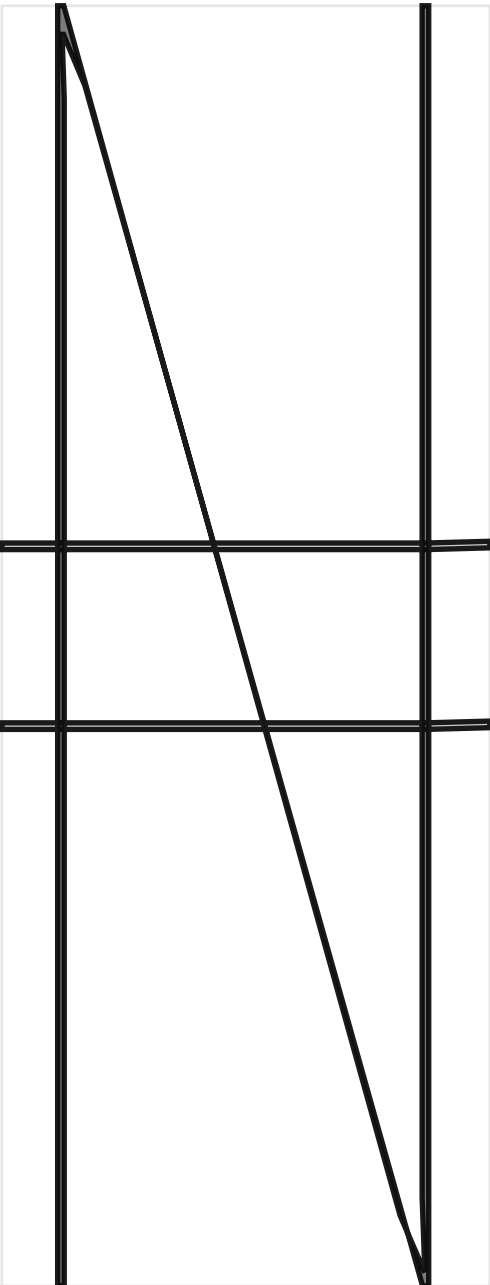


underweight

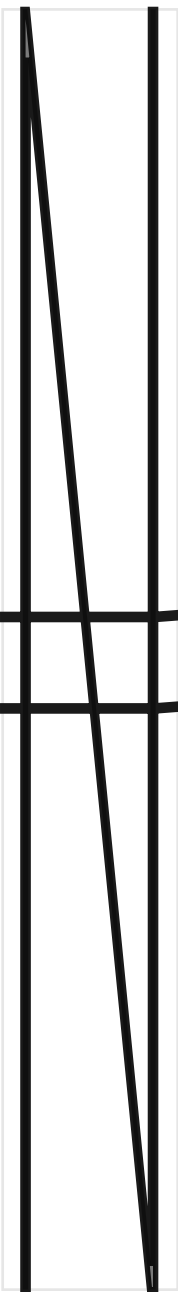
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midway interpolation

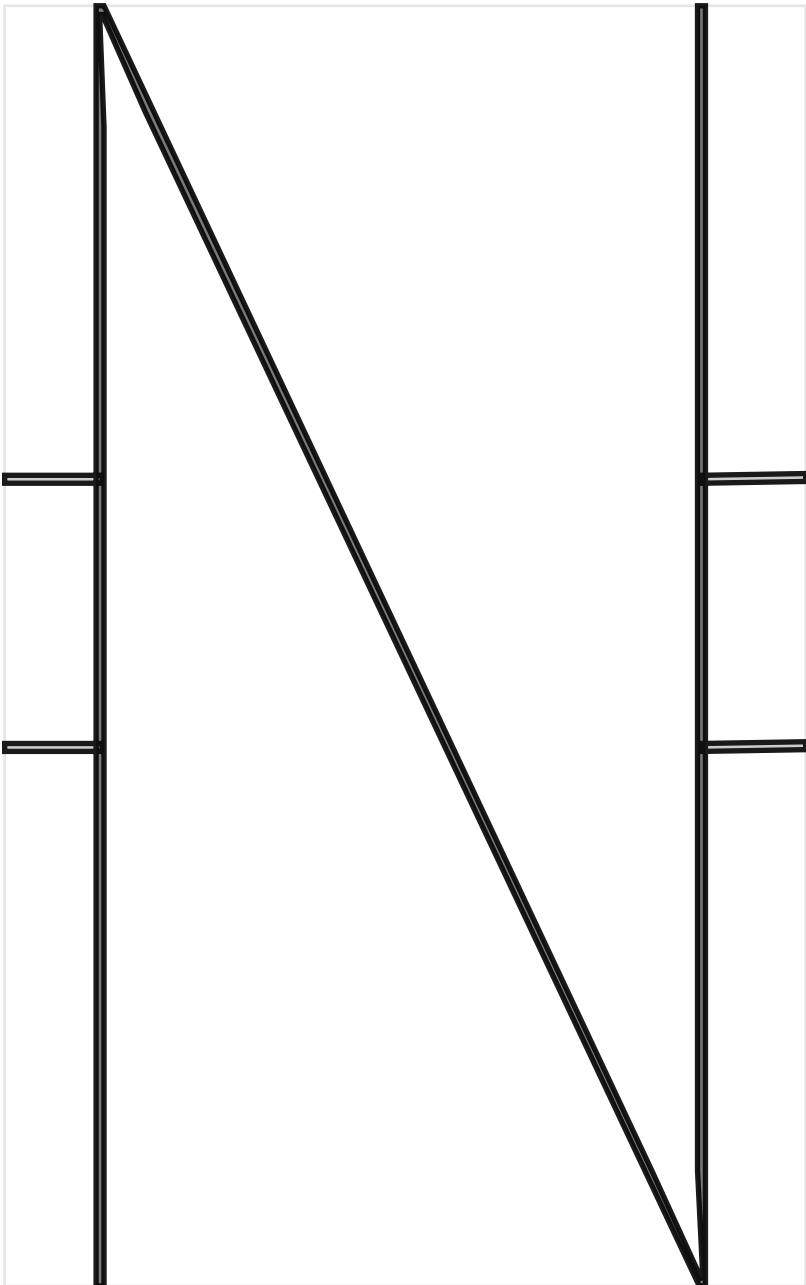


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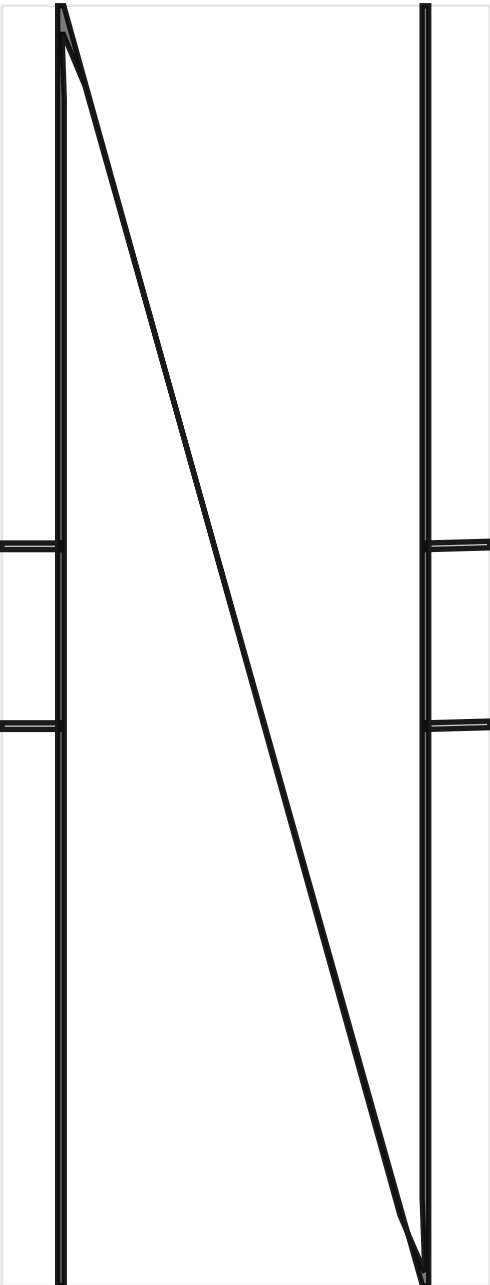


underweight

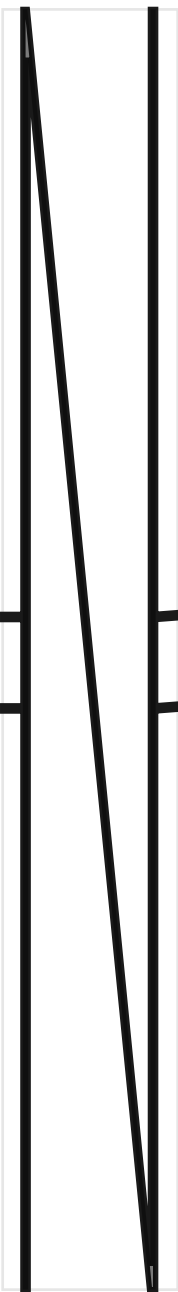
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midway interpolation

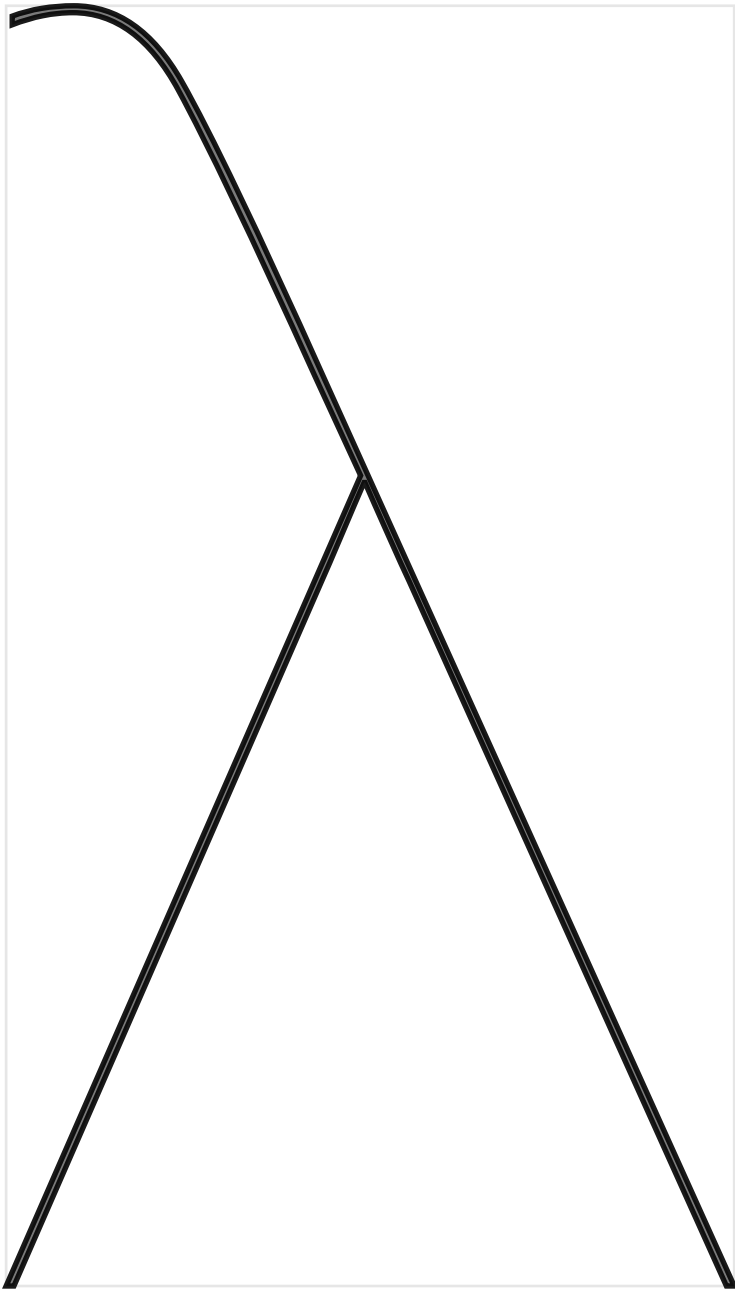


'GRAD=-200.0 opsz=144.0 wght=100.0 width=25.0 wght=100.0'



underweight

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



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



midway interpolation



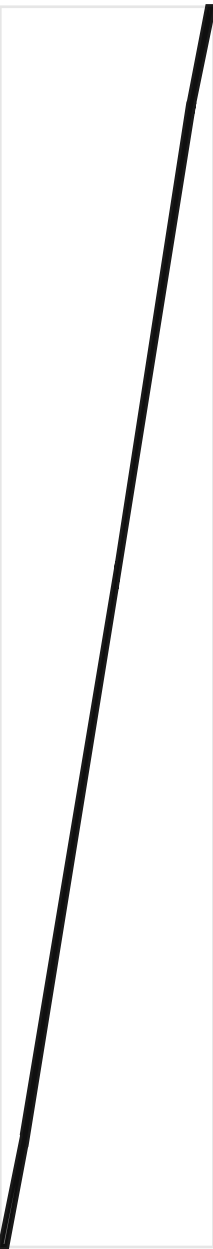


underweight

'GRAD=-200.0 opsz=1 44.0 wght=100.0'



midway interpolation

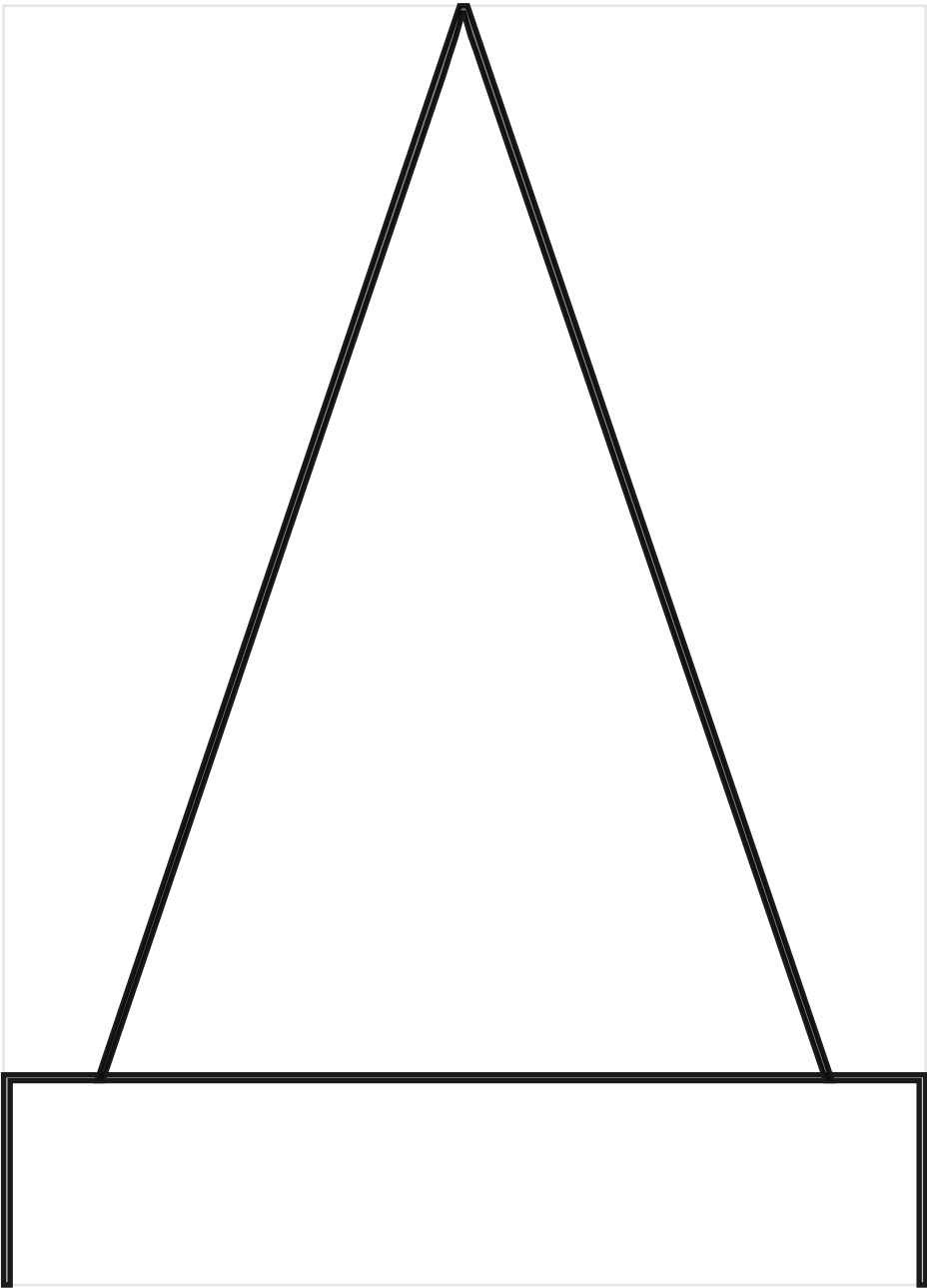


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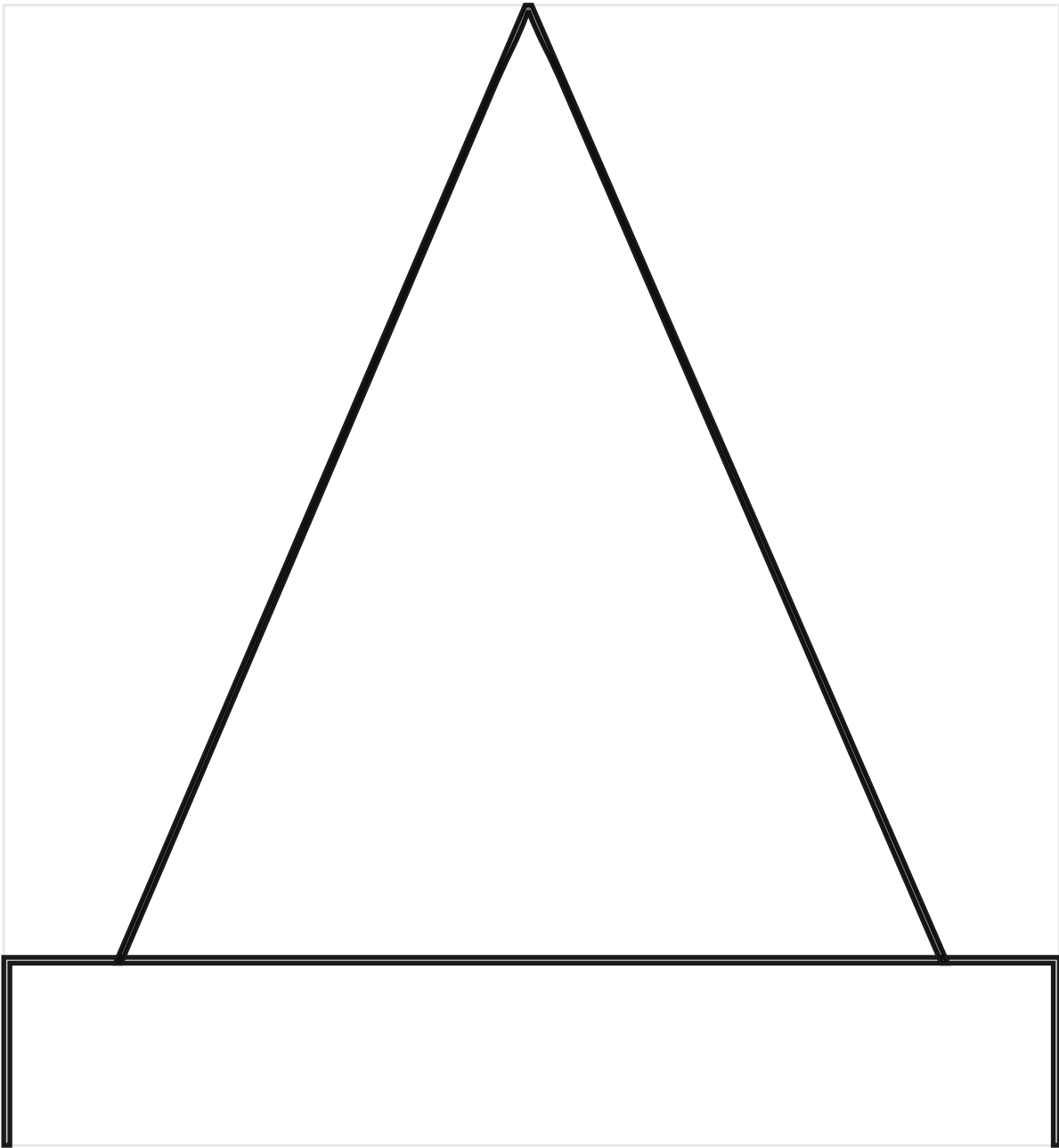


underweight

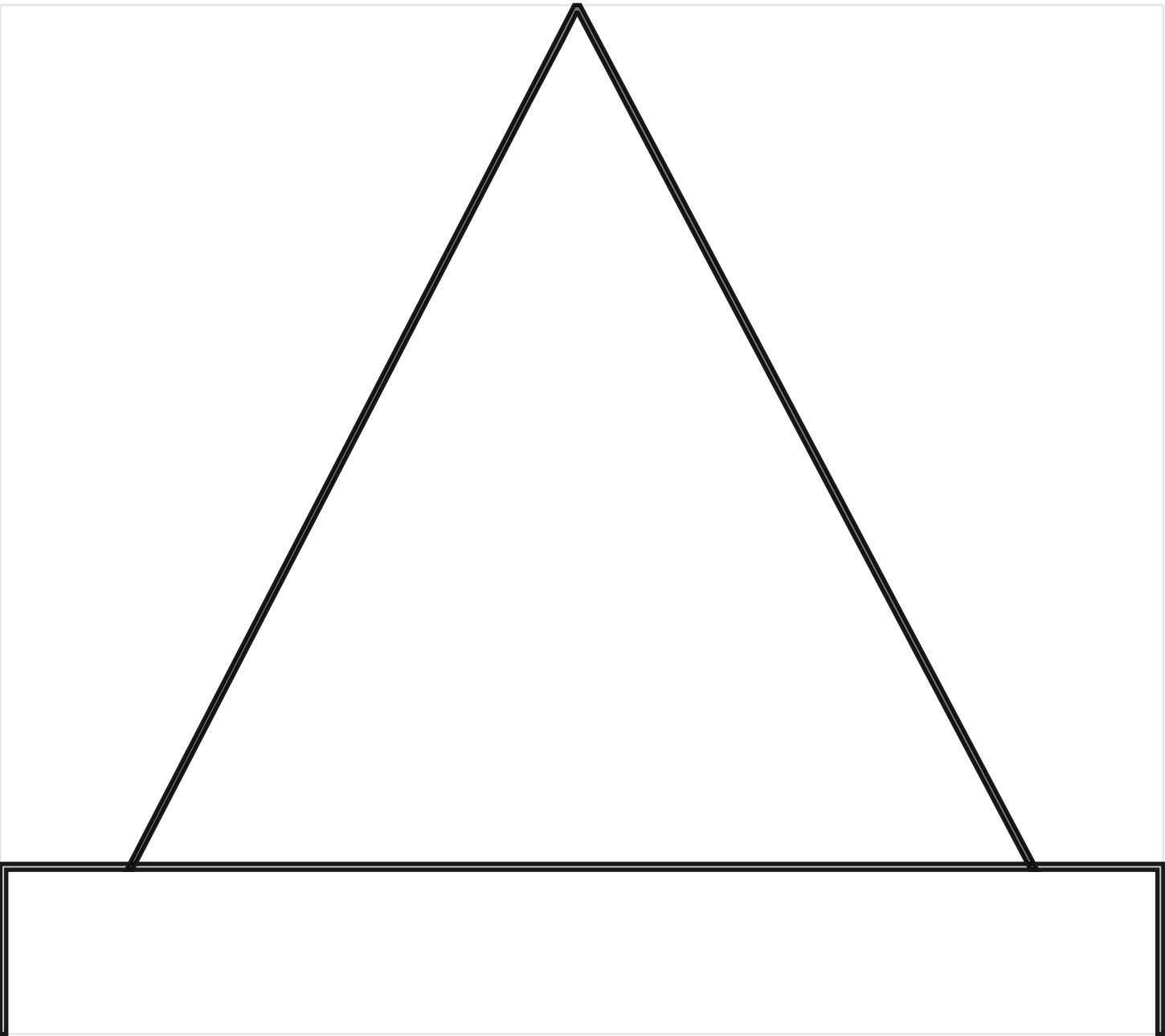
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midway interpolation

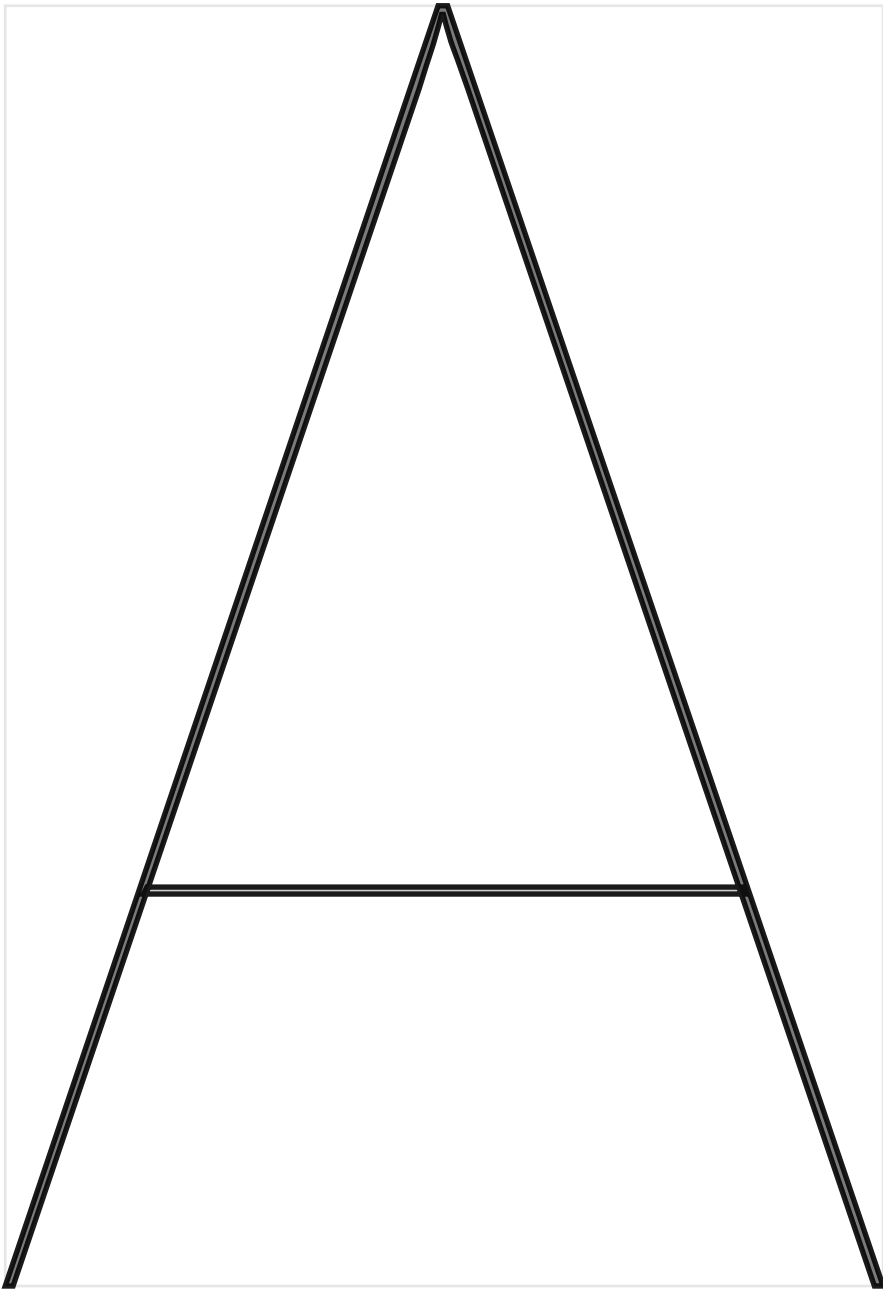


'GRAD=-200.0 opsz=144.0 wght=151.0 wght=100.0'

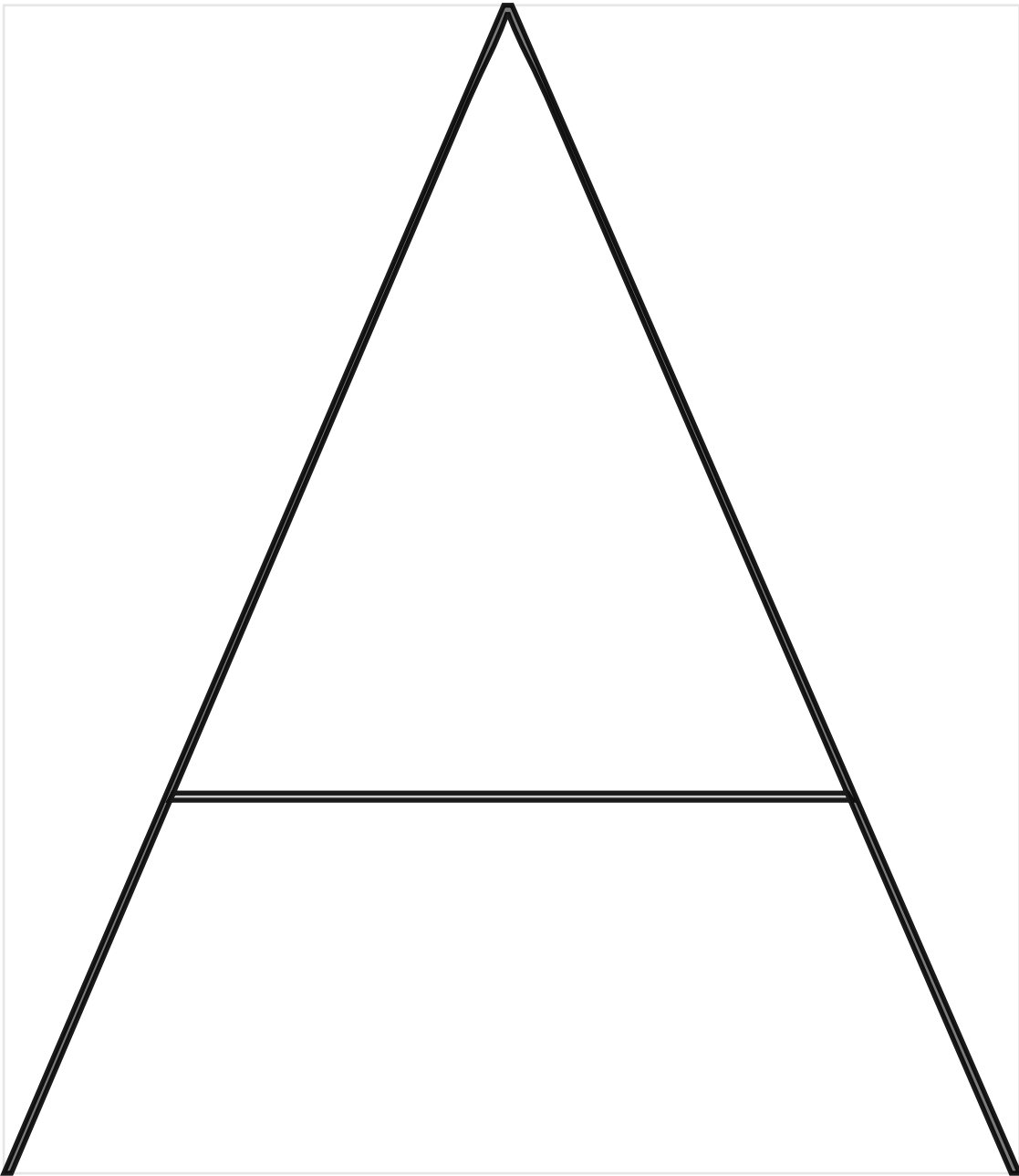


underweight

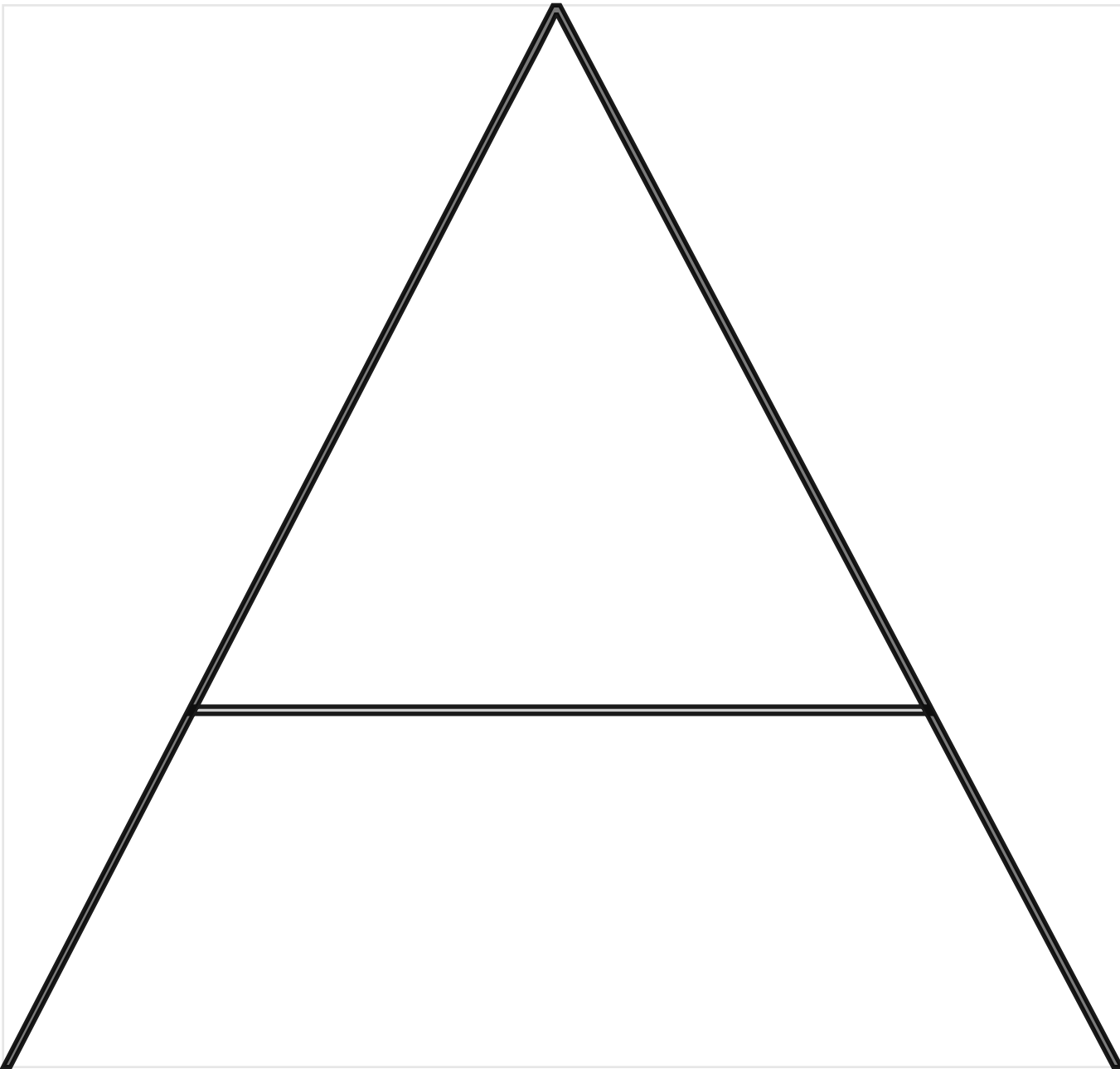
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midway interpolation

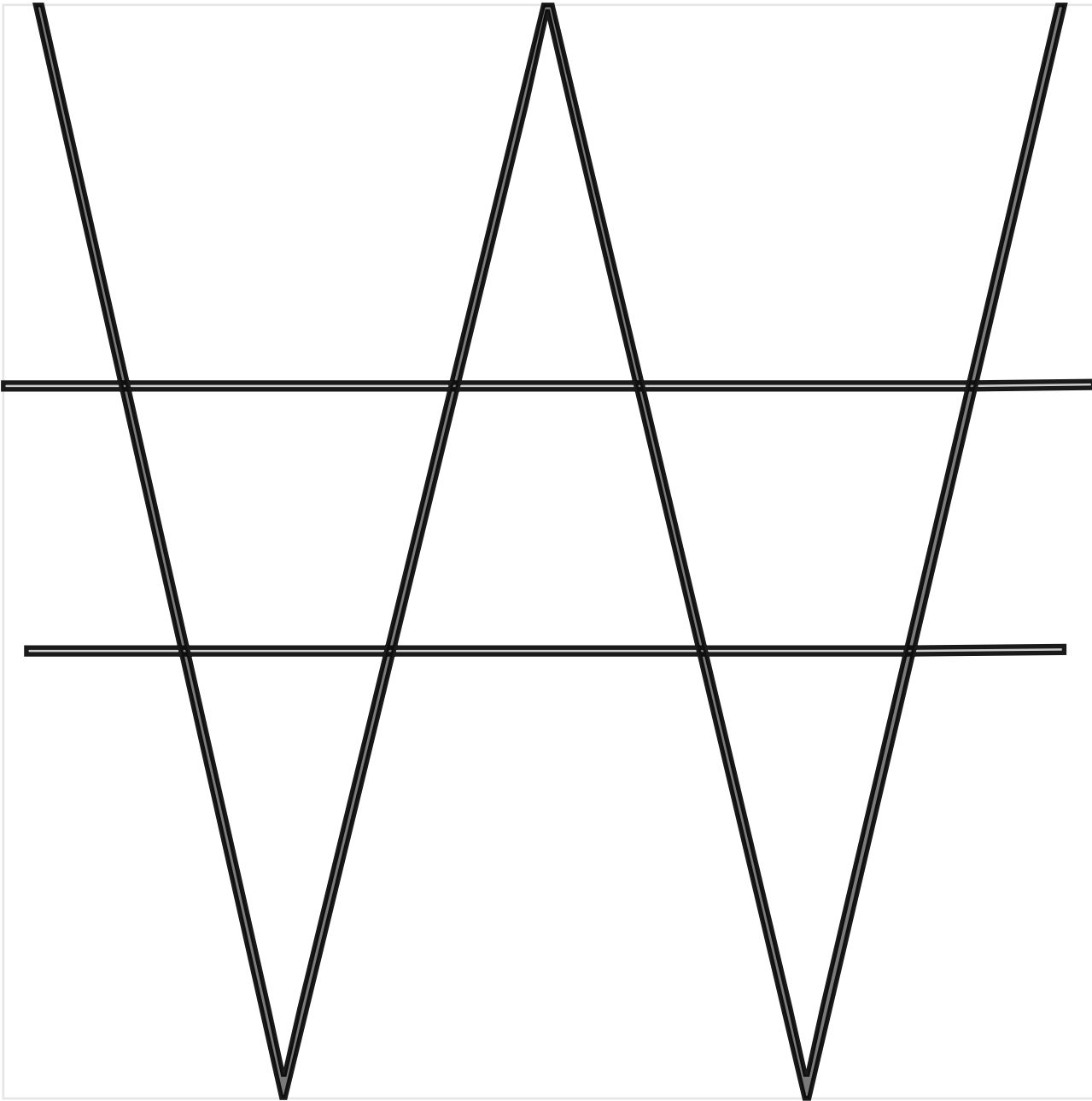


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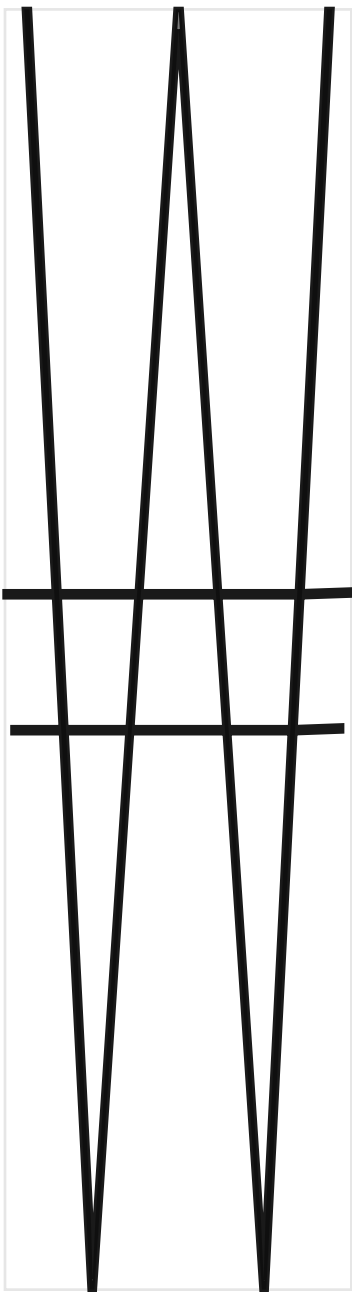


underweight

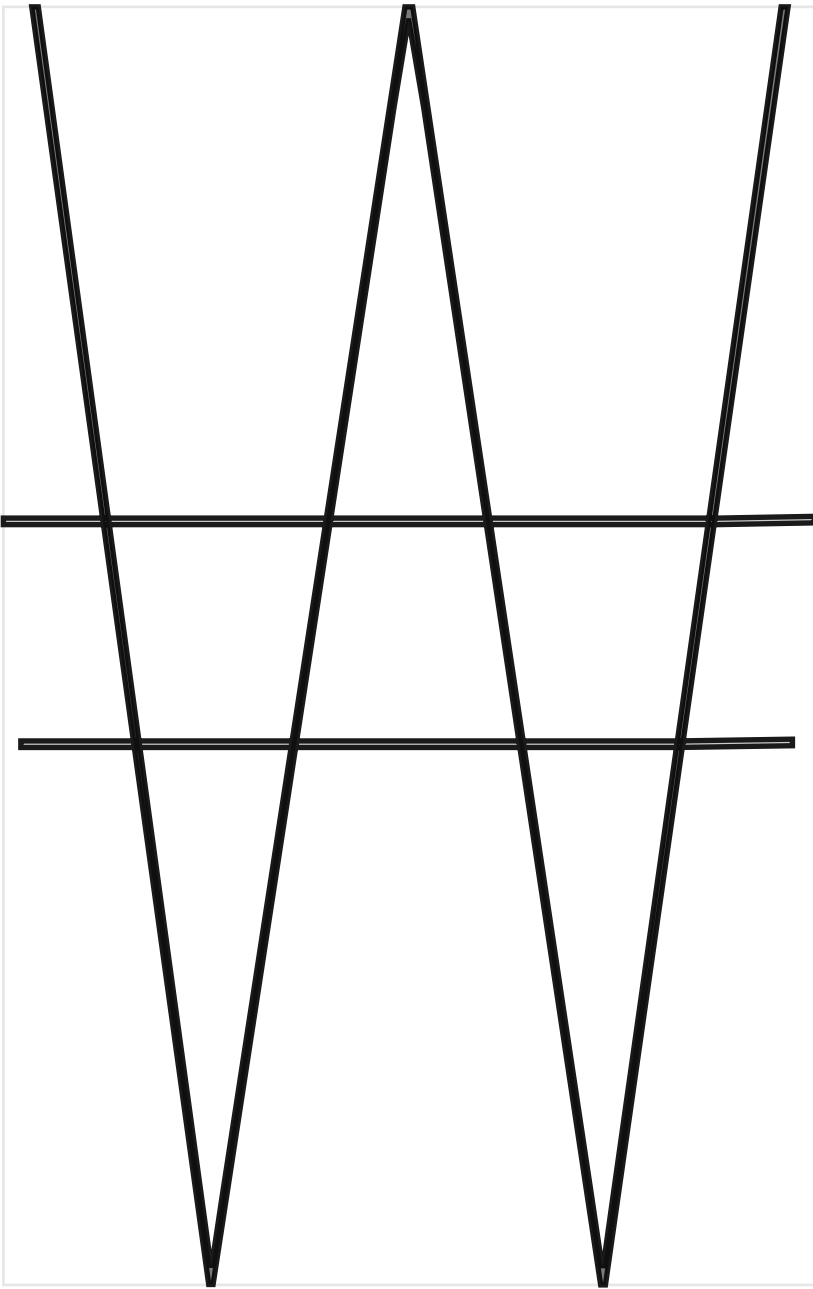
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'GRAD=-200.0 opsz=144.0 wght=100.0 width=25.0 wght=100.0'

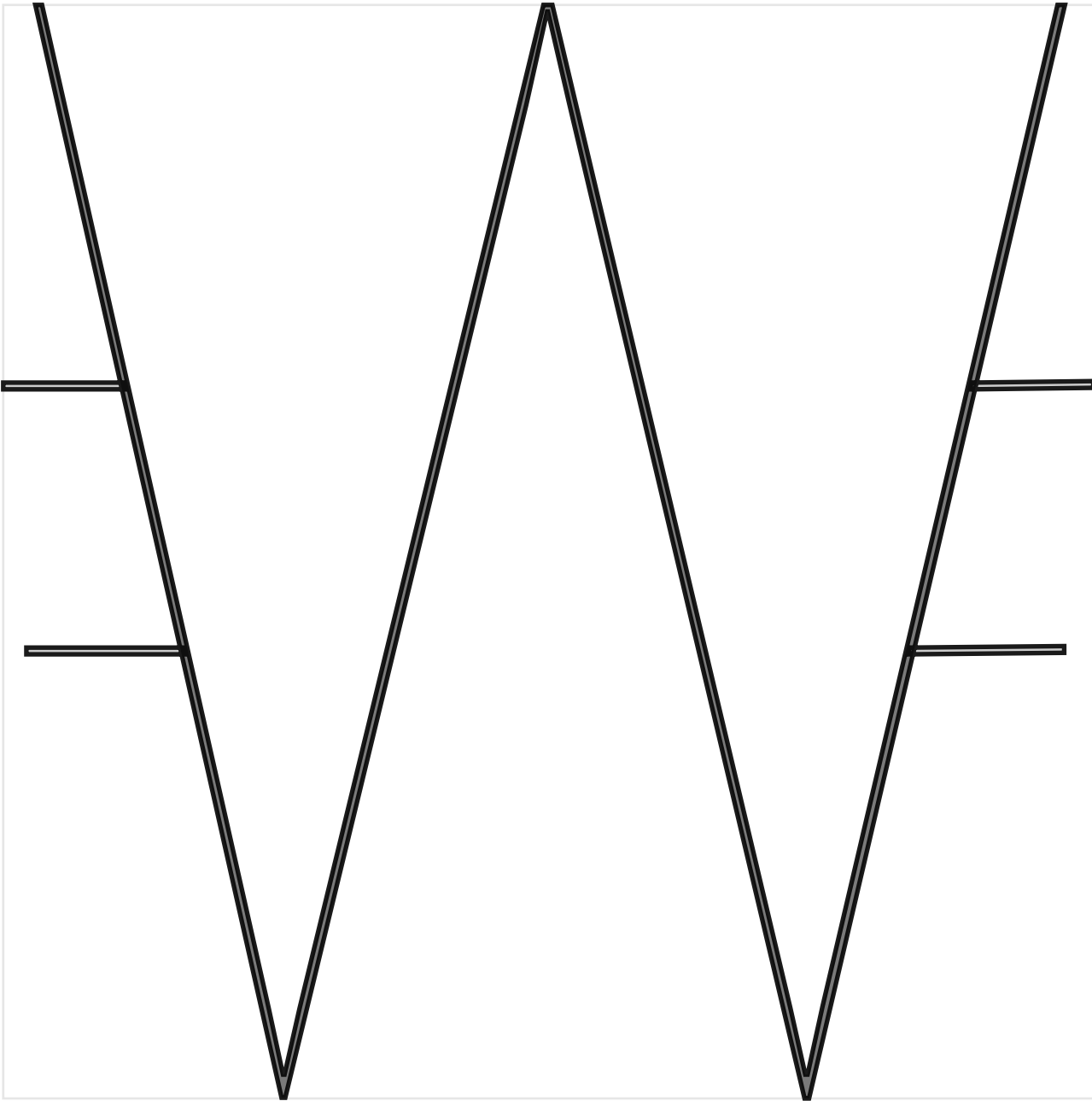


midway interpolation

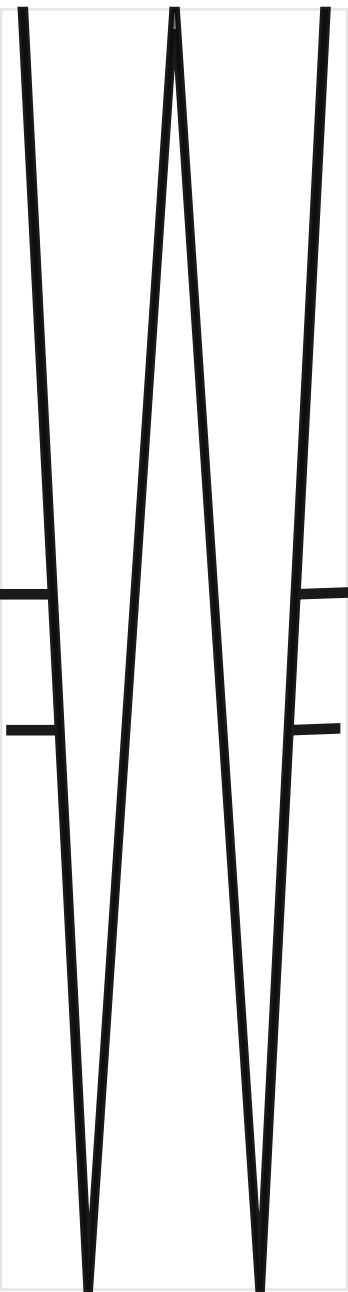


underweight

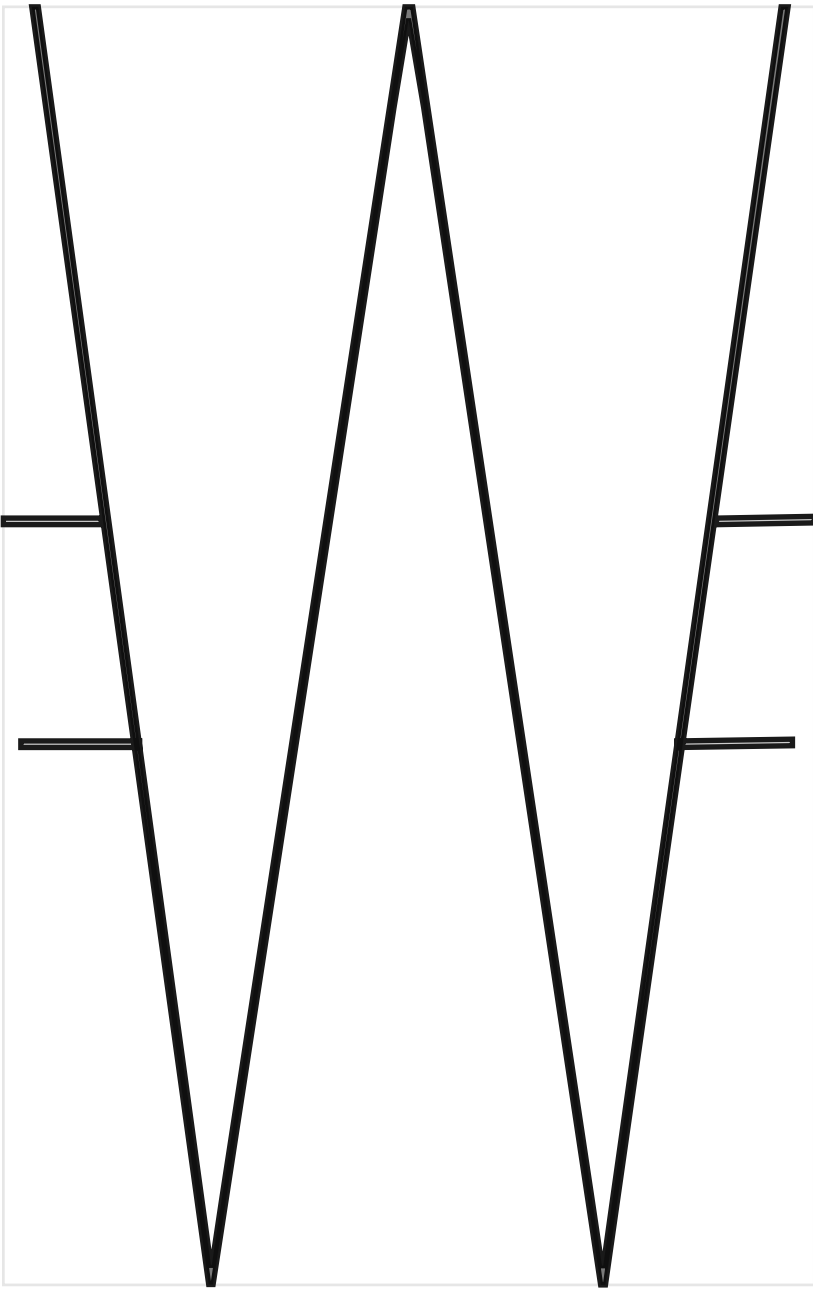
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'GRAD=-200.0 opsz=144.0 wght=100.0 width=25.0 wght=100.0'

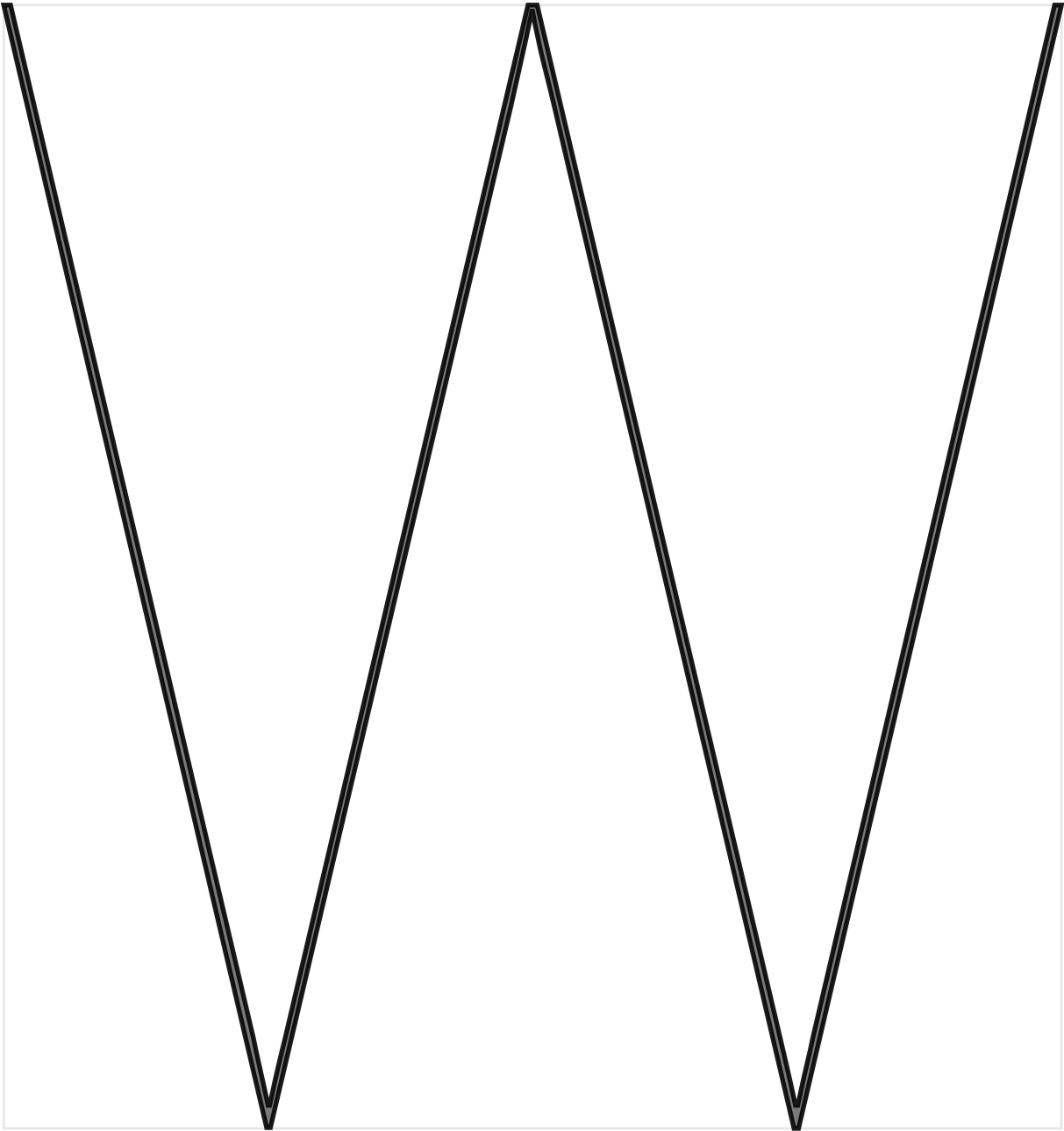


midway interpolation

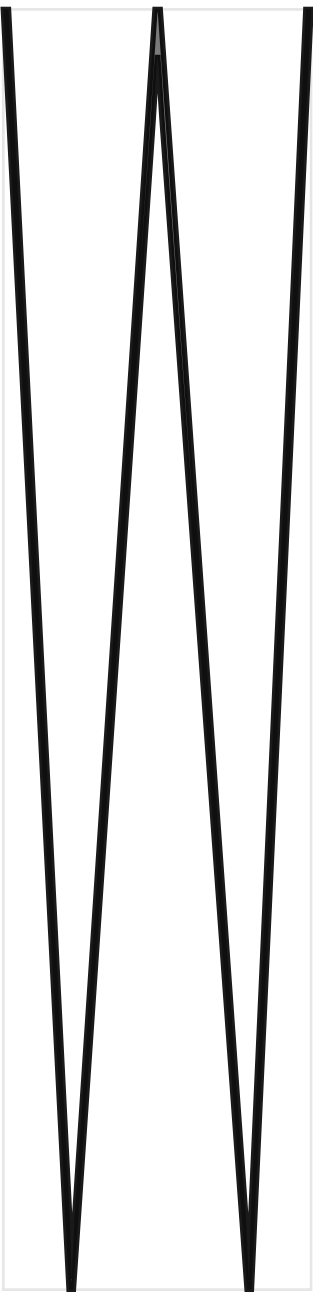


underweight

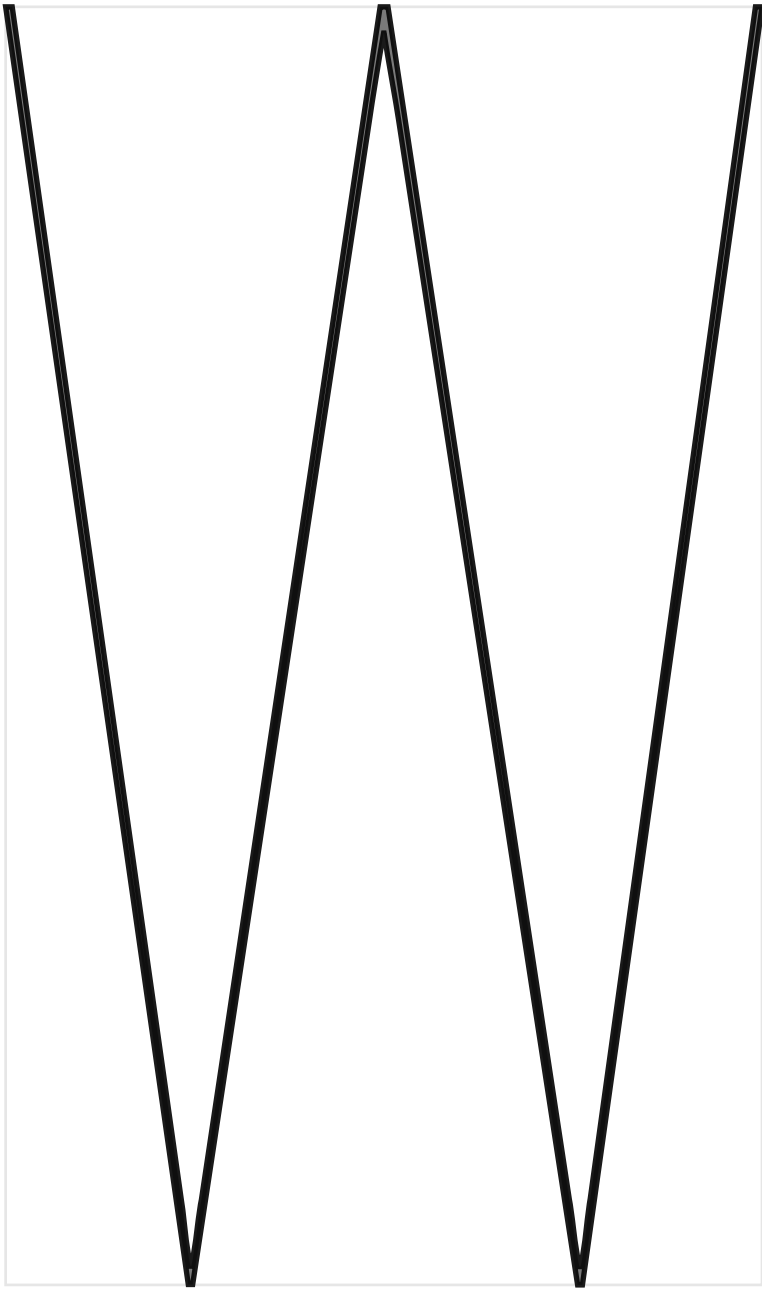
'GRAD=-200.0 opsz=1 44.0 wght=100.0'



'GRAD=-200.0 opsz=1 44.0 wght=100.0 width=25.0 wght=100.0'

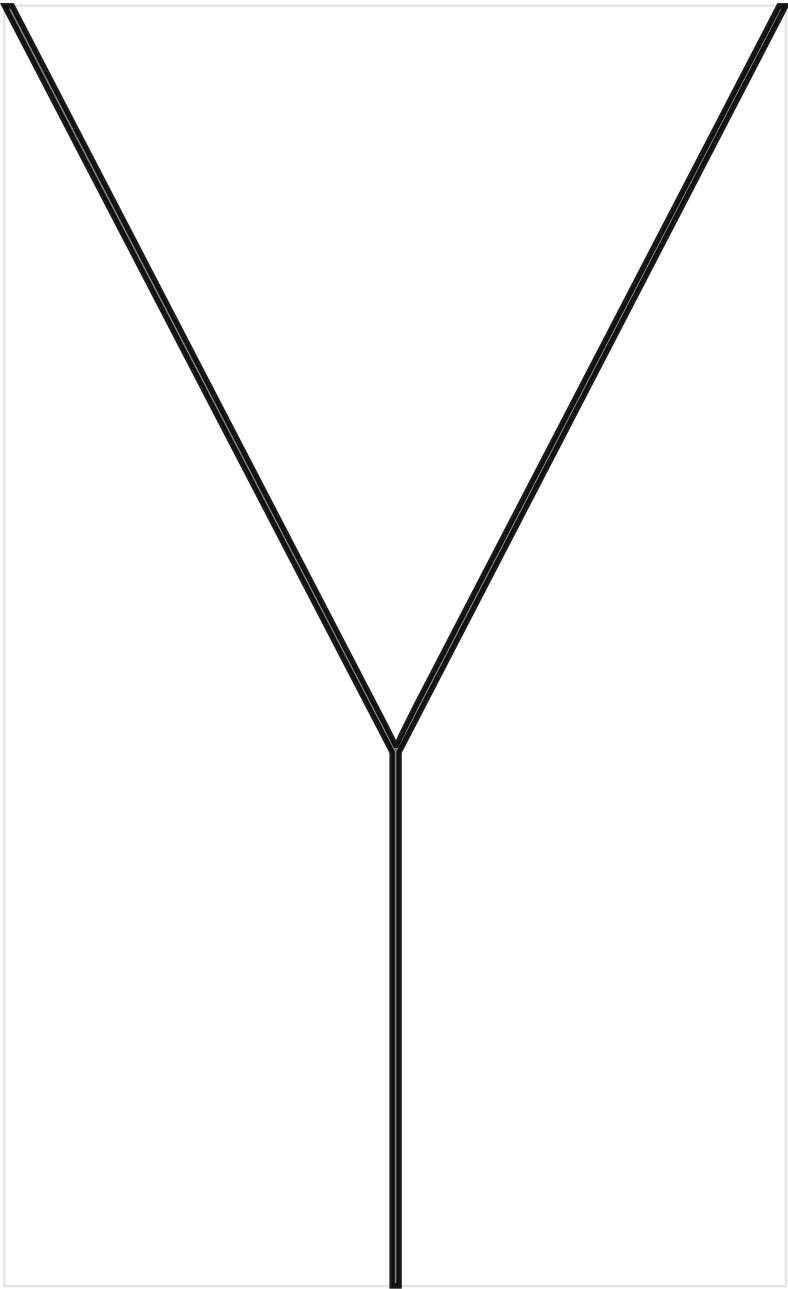


midway interpolation

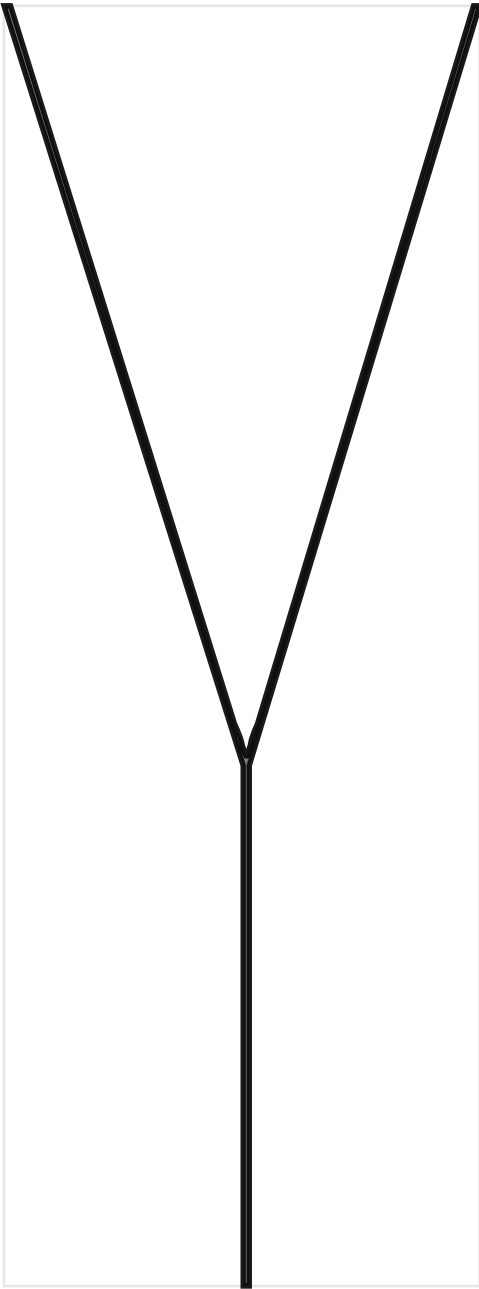


underweight

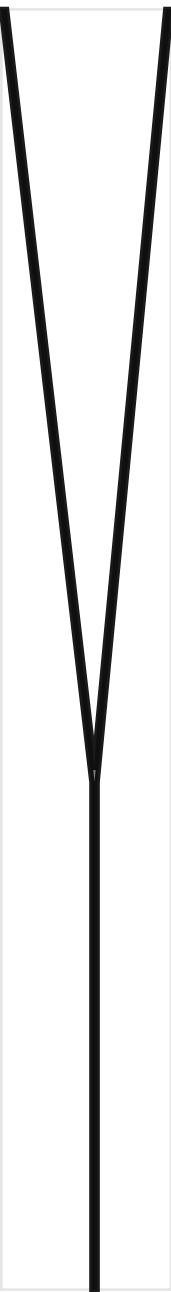
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midway interpolation

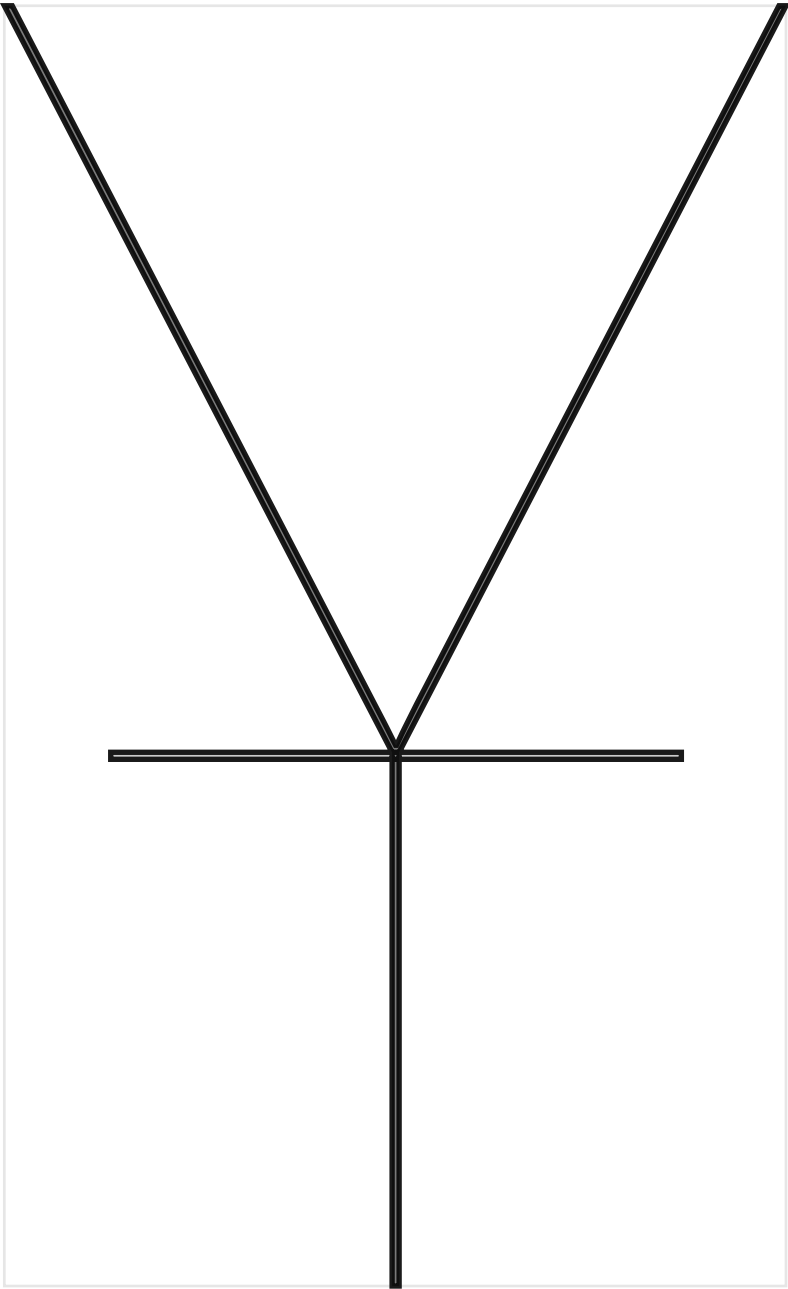


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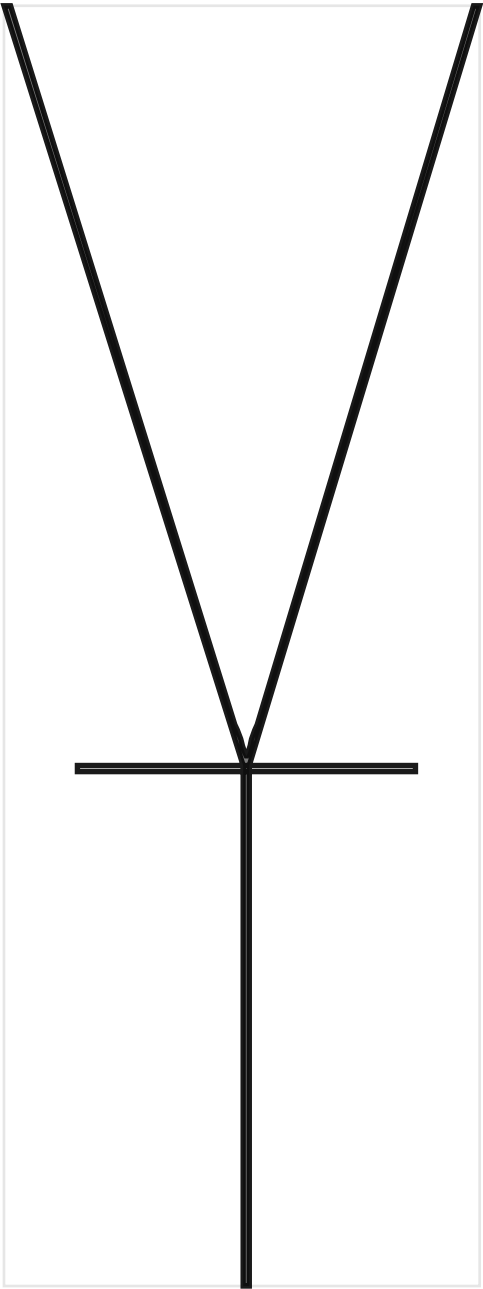


underweight

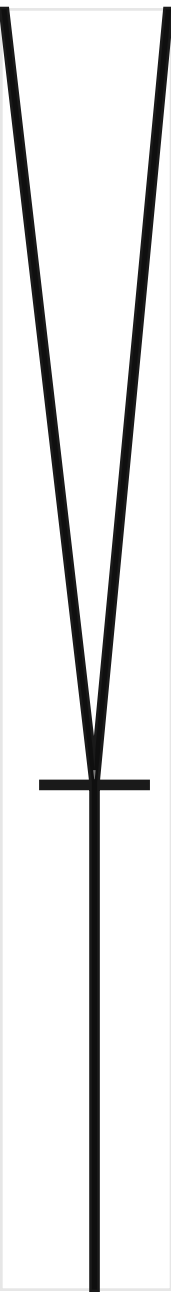
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midway interpolation



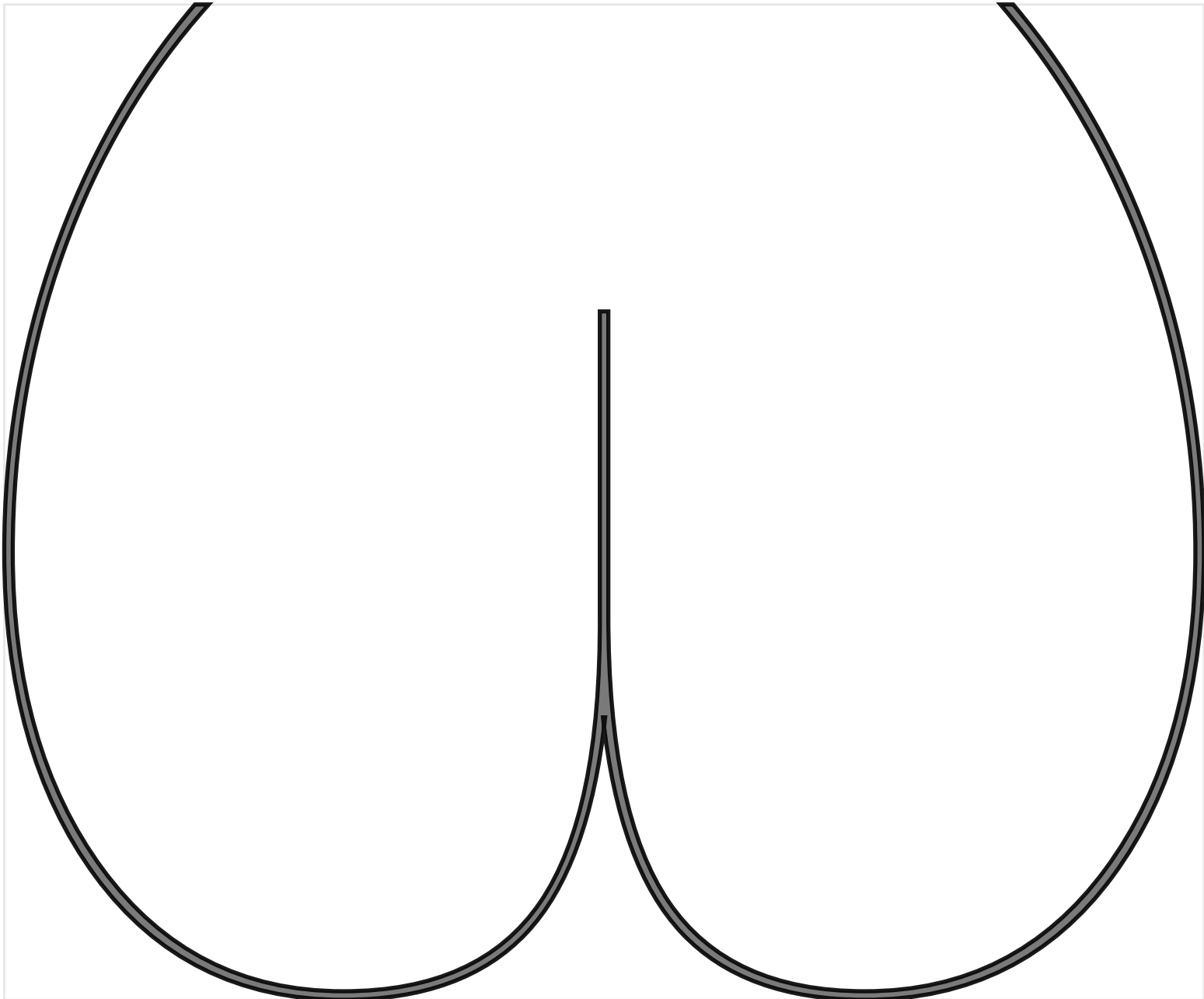
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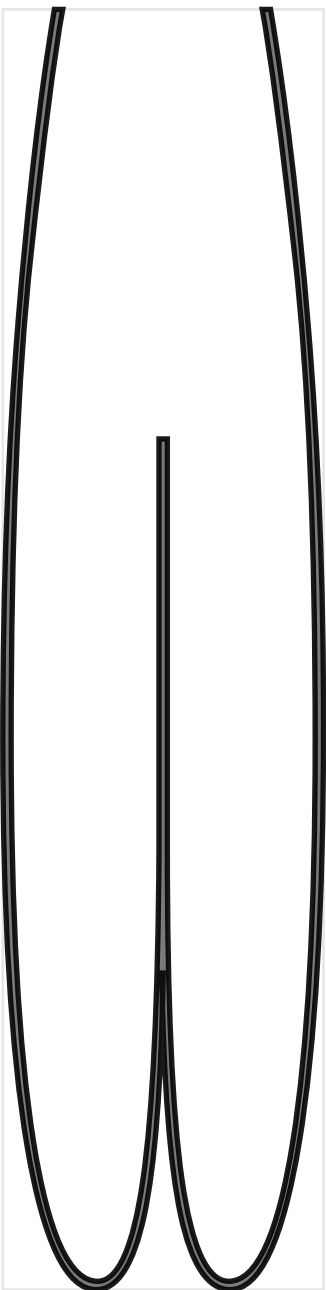


underweight

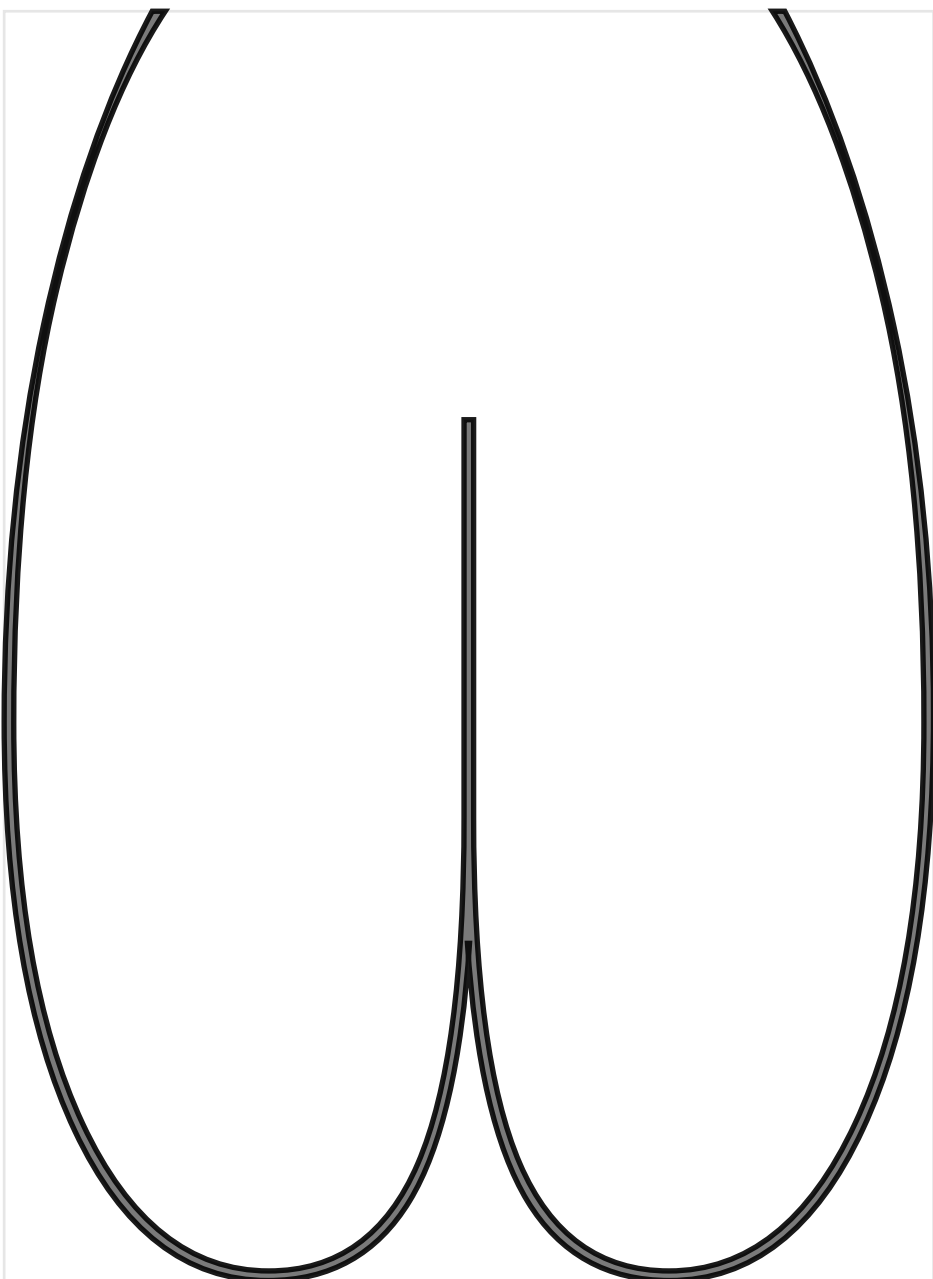
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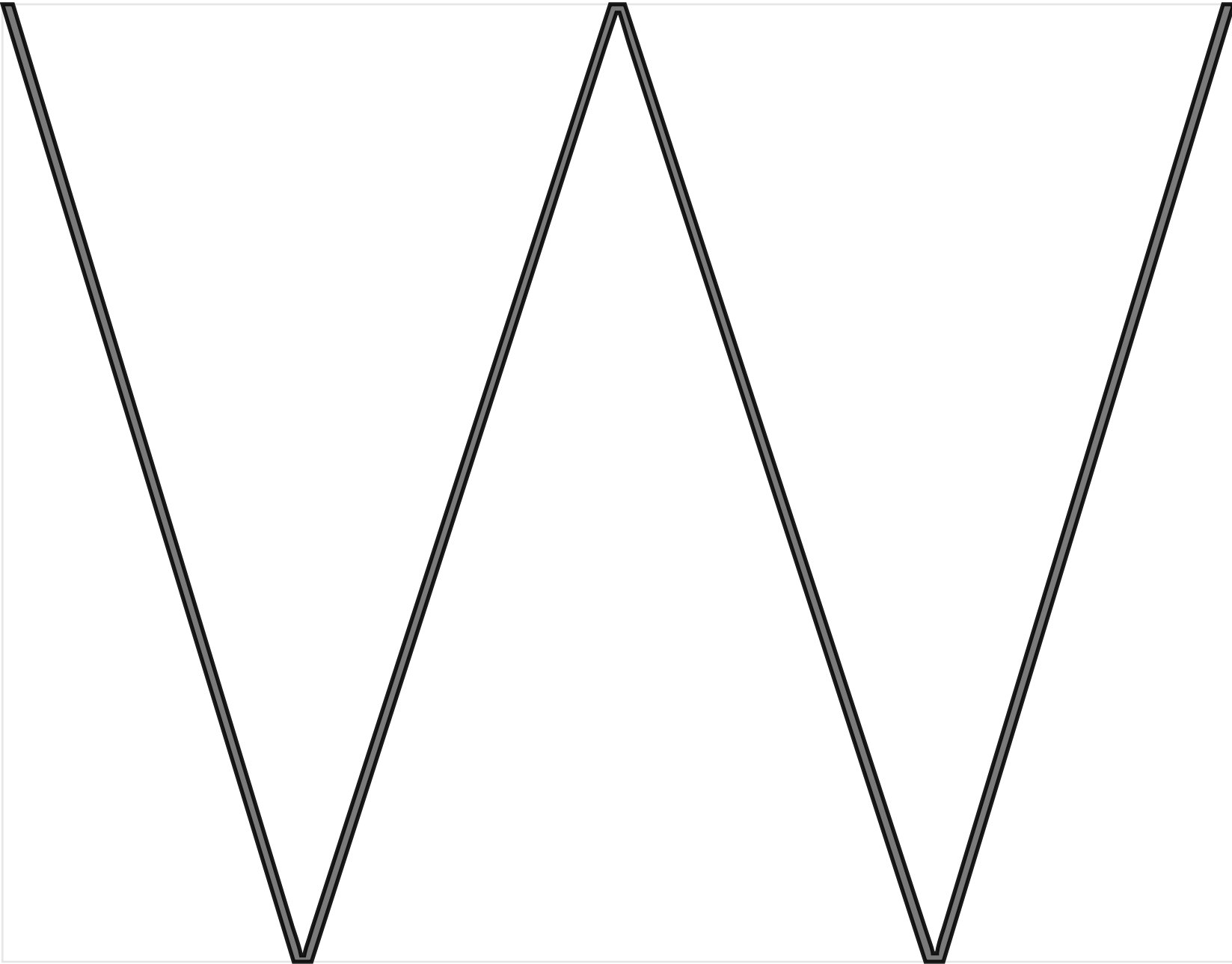


midway interpolation

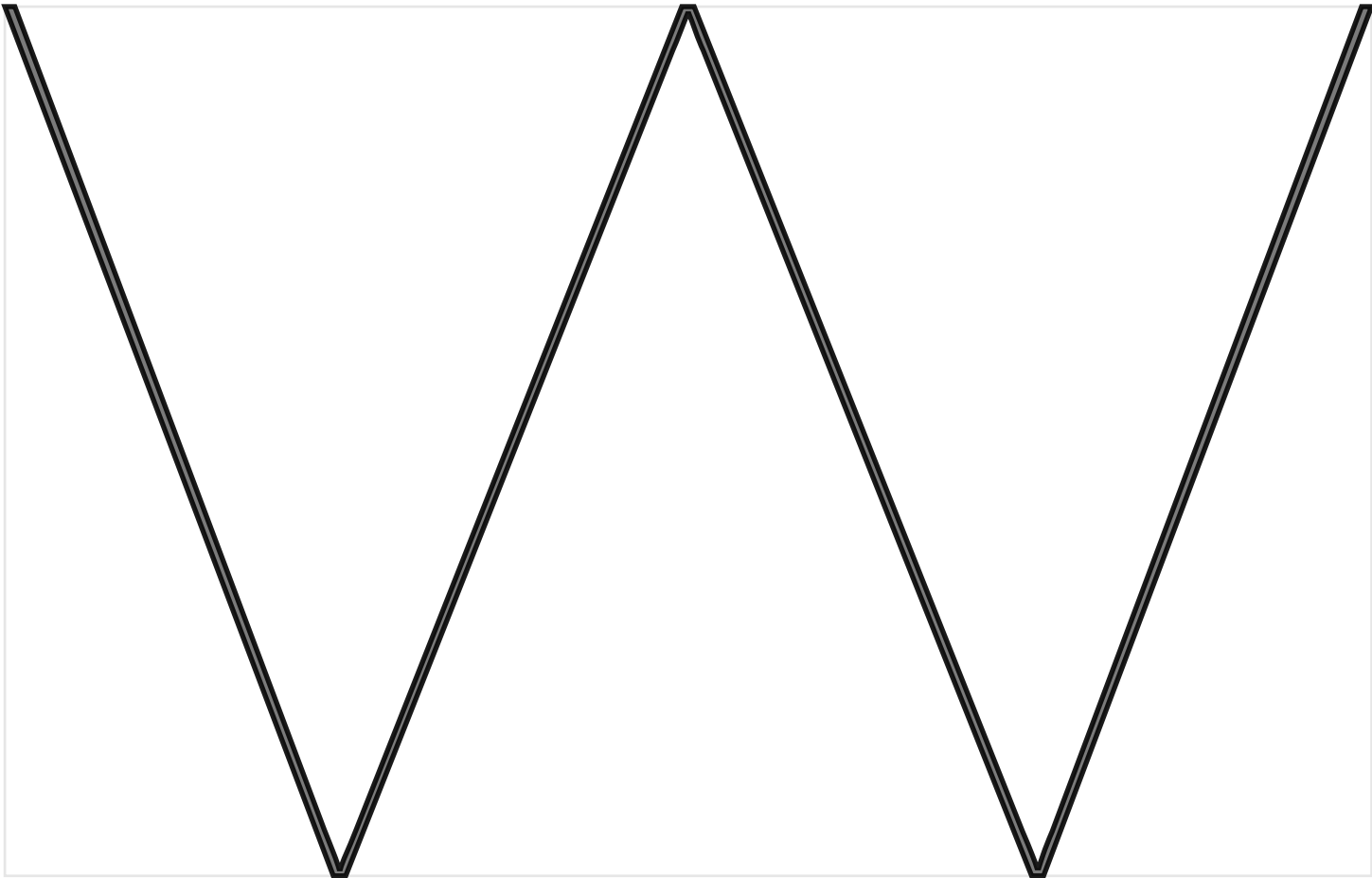


underweight

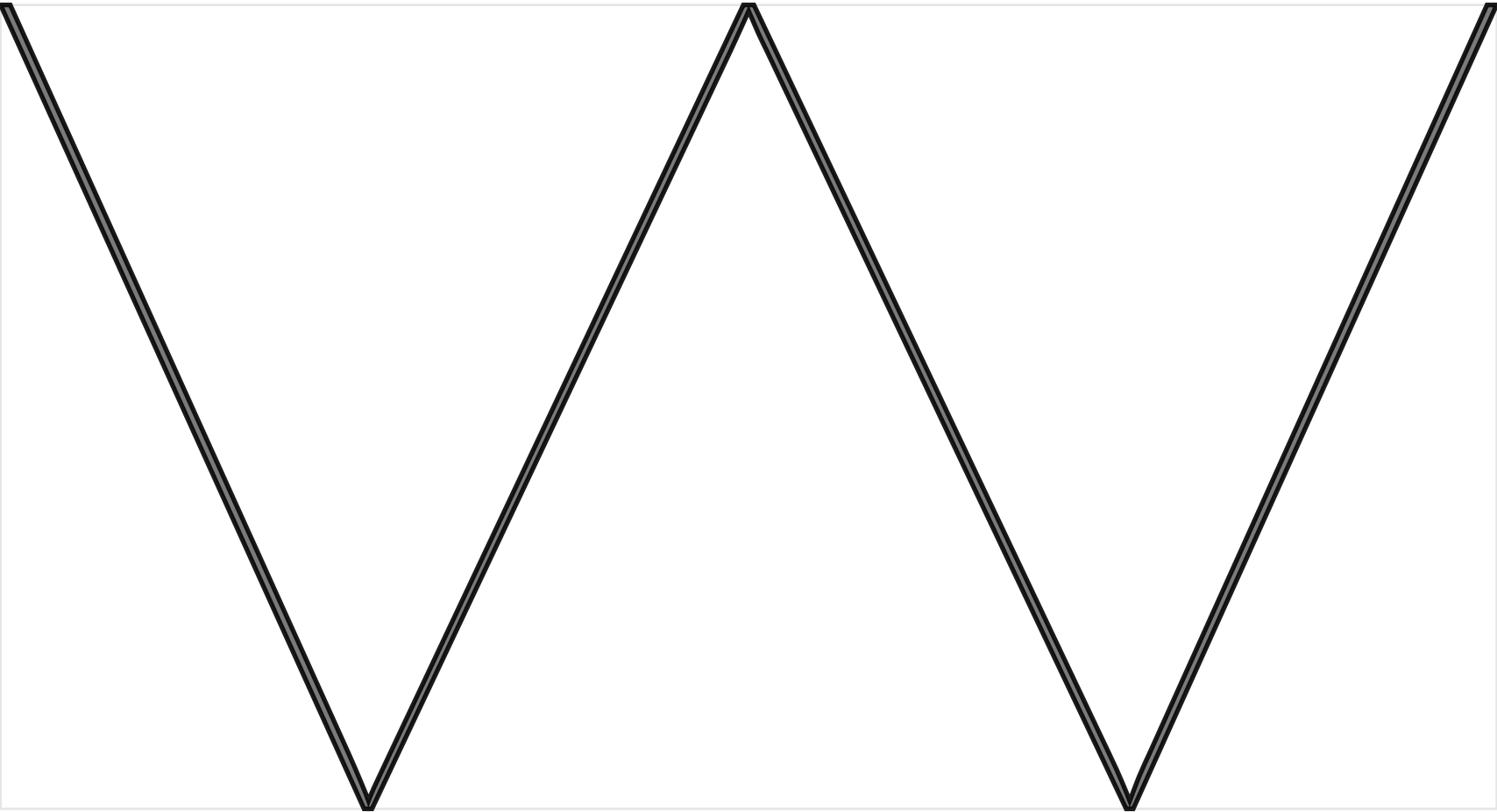
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midway interpolation

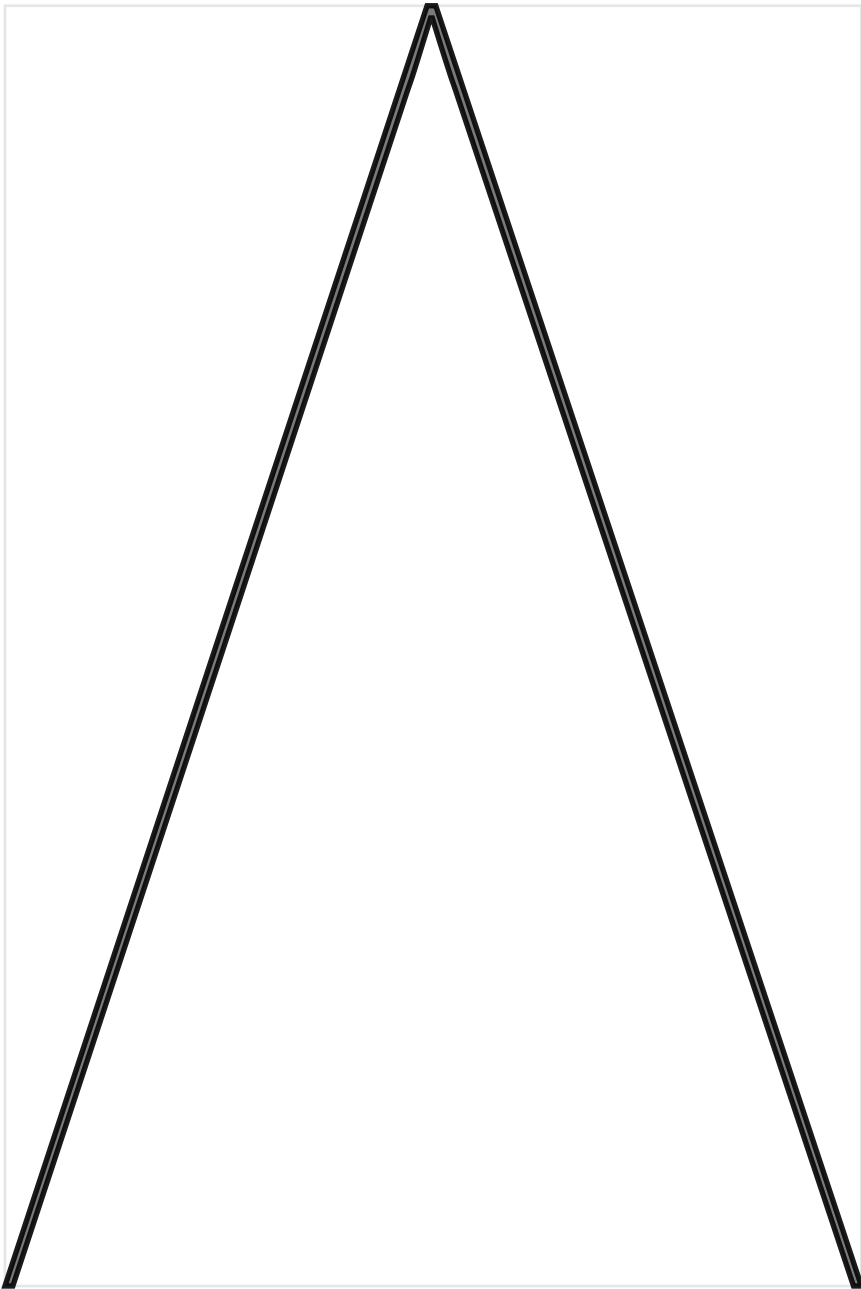


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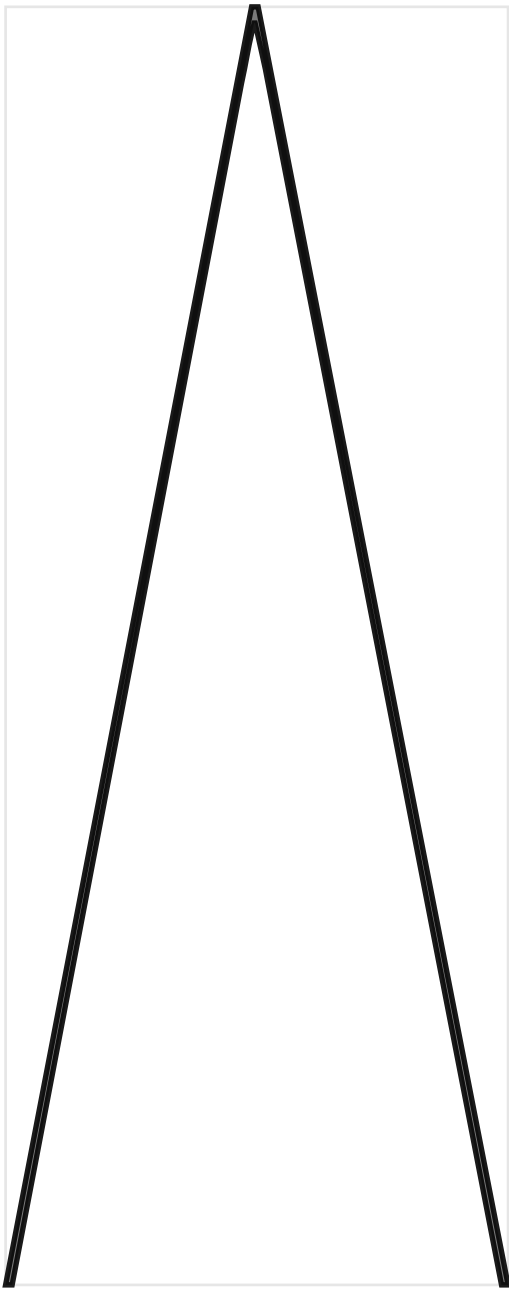


underweight

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



midway interpolation



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

