

```
In[ ]:= Quiet[AbsoluteTiming@  
ForceInference["C:\\Users\\aliha\\Desktop\\wolfram force inference\\image.tif"]]
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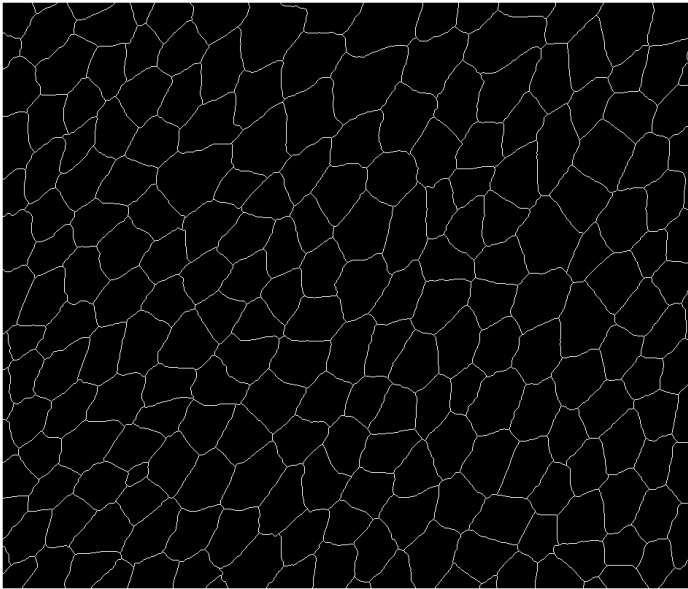
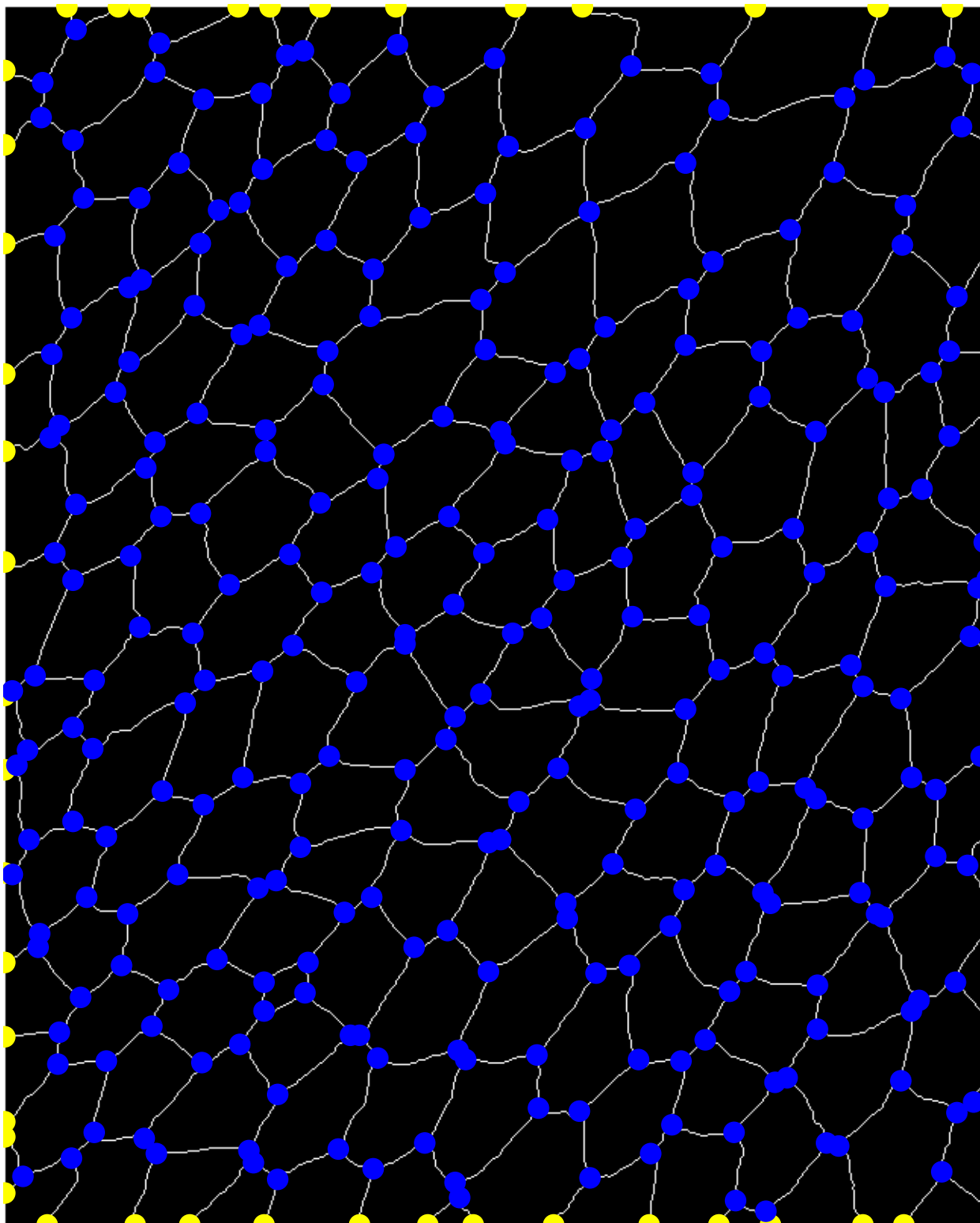


Image segmented: ☒

vertices found and associated: ☒

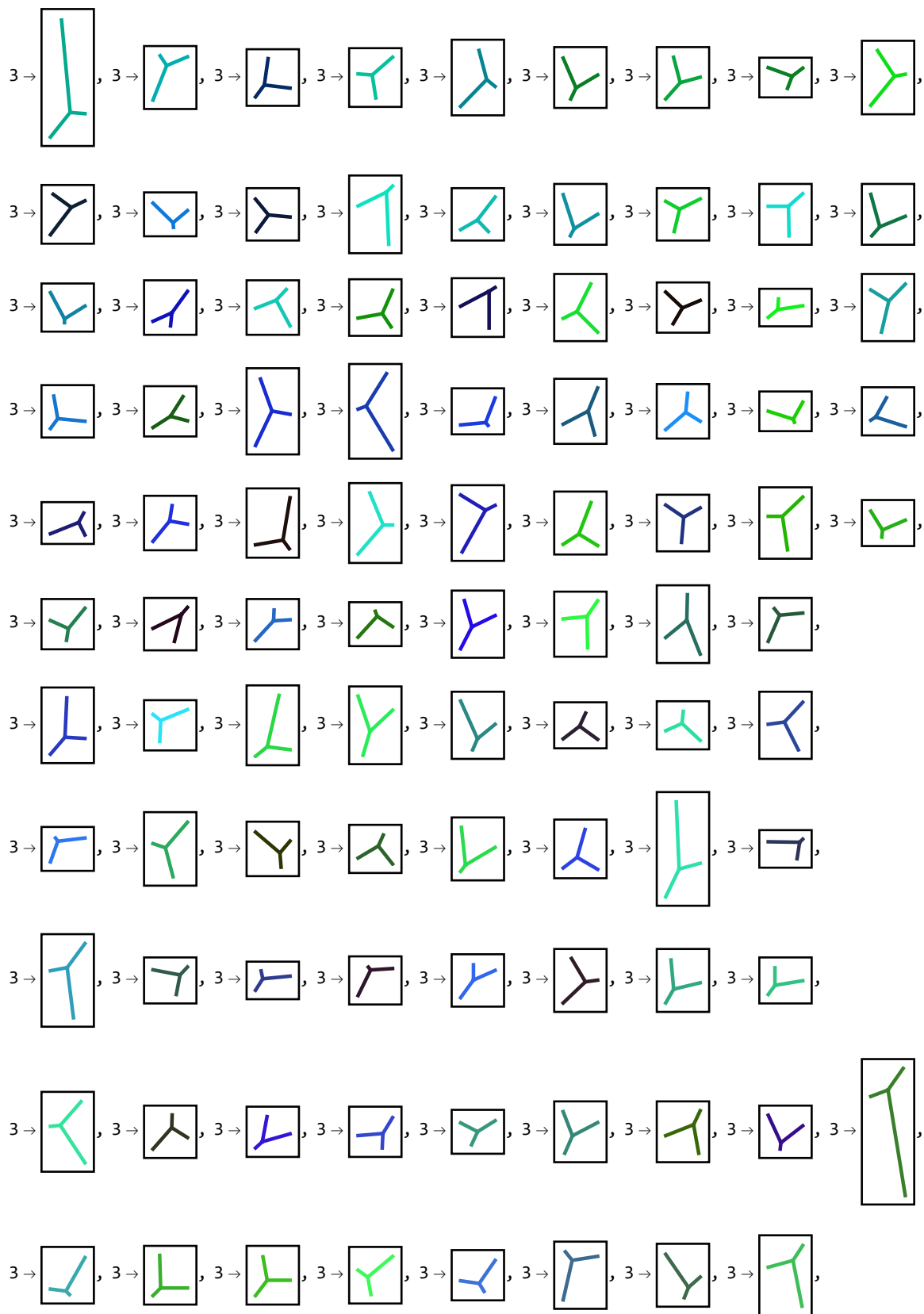
edges found and associated: ☒

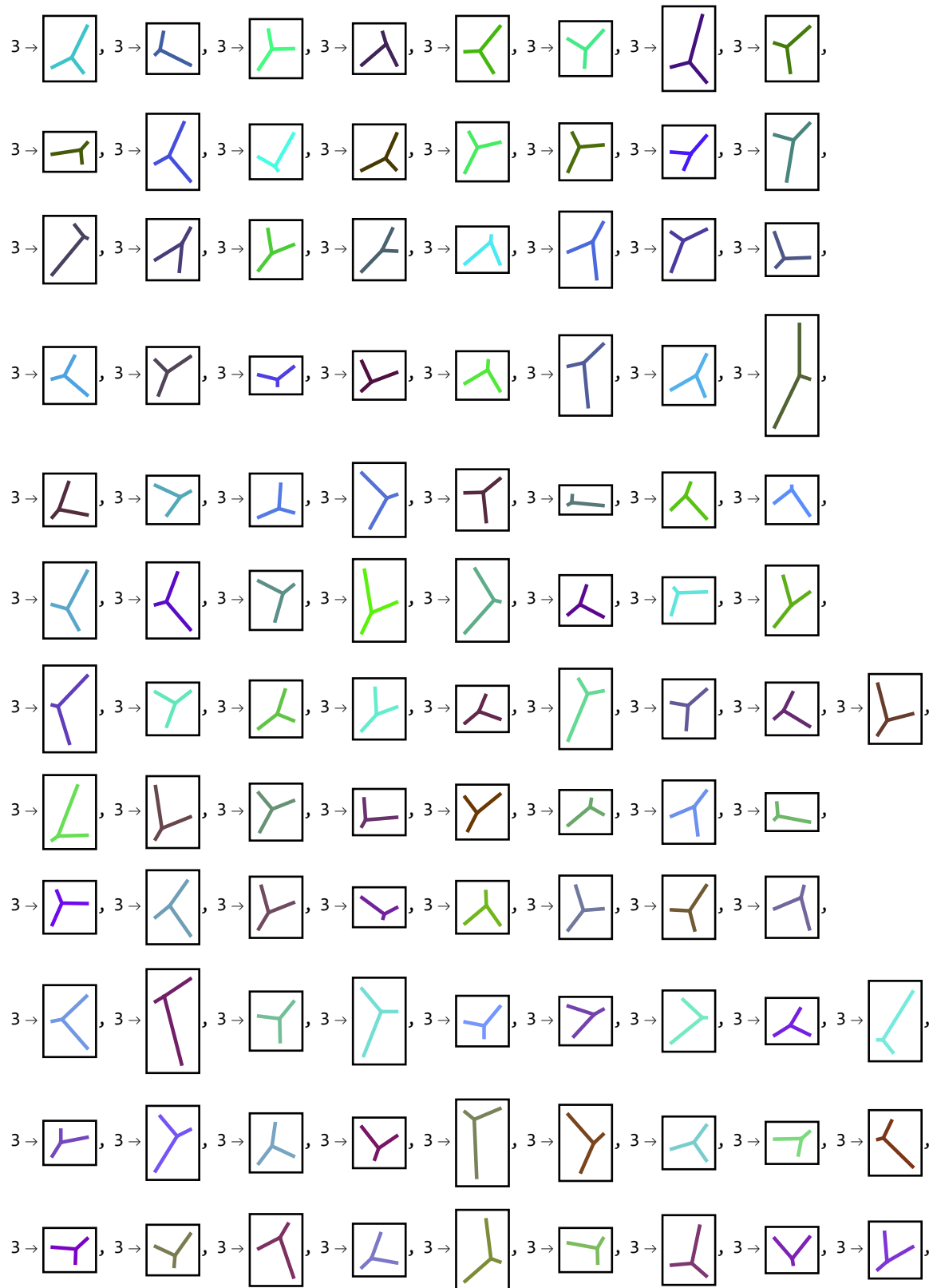
checking robustness for vertex association (force balance done on Blue):

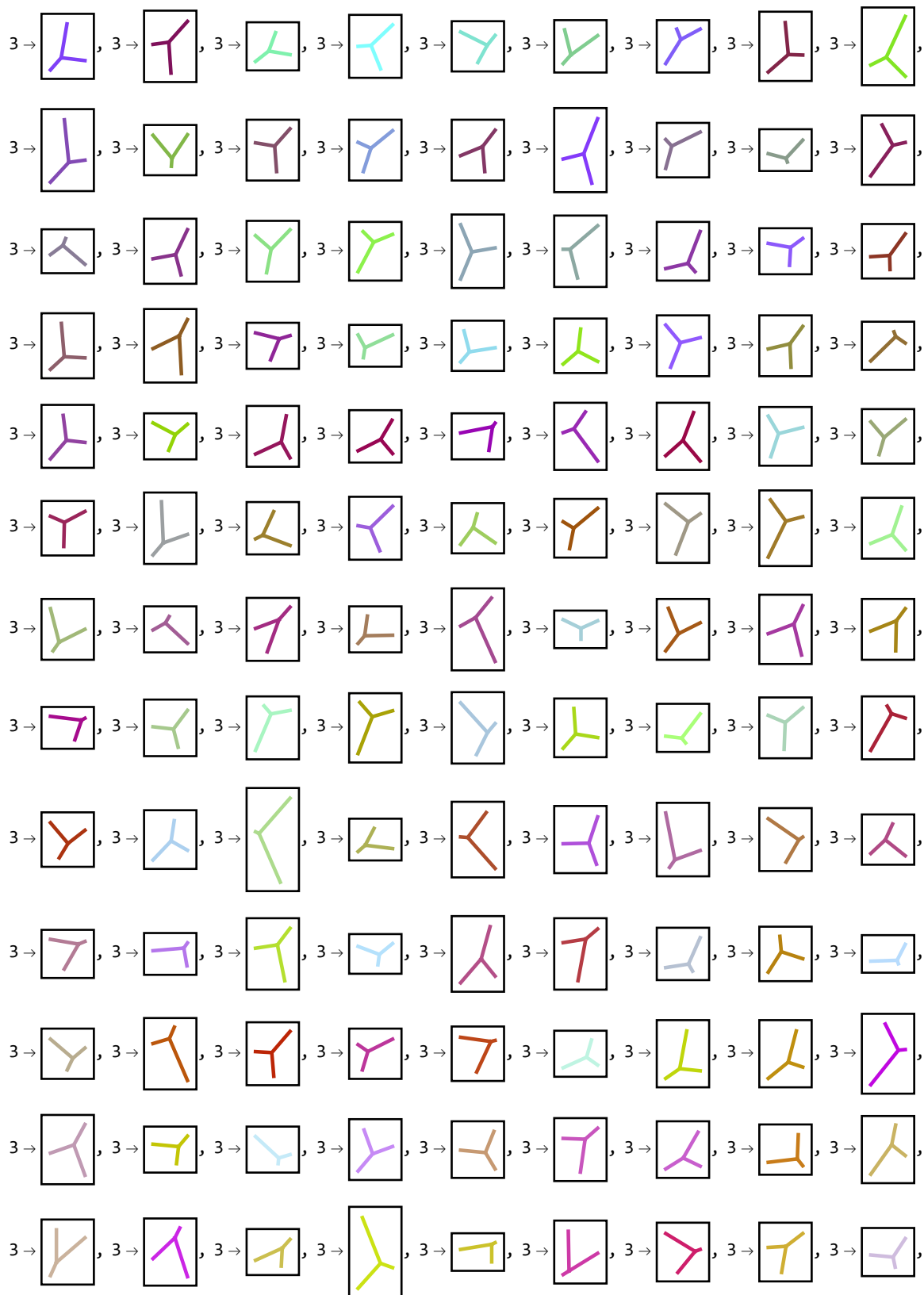


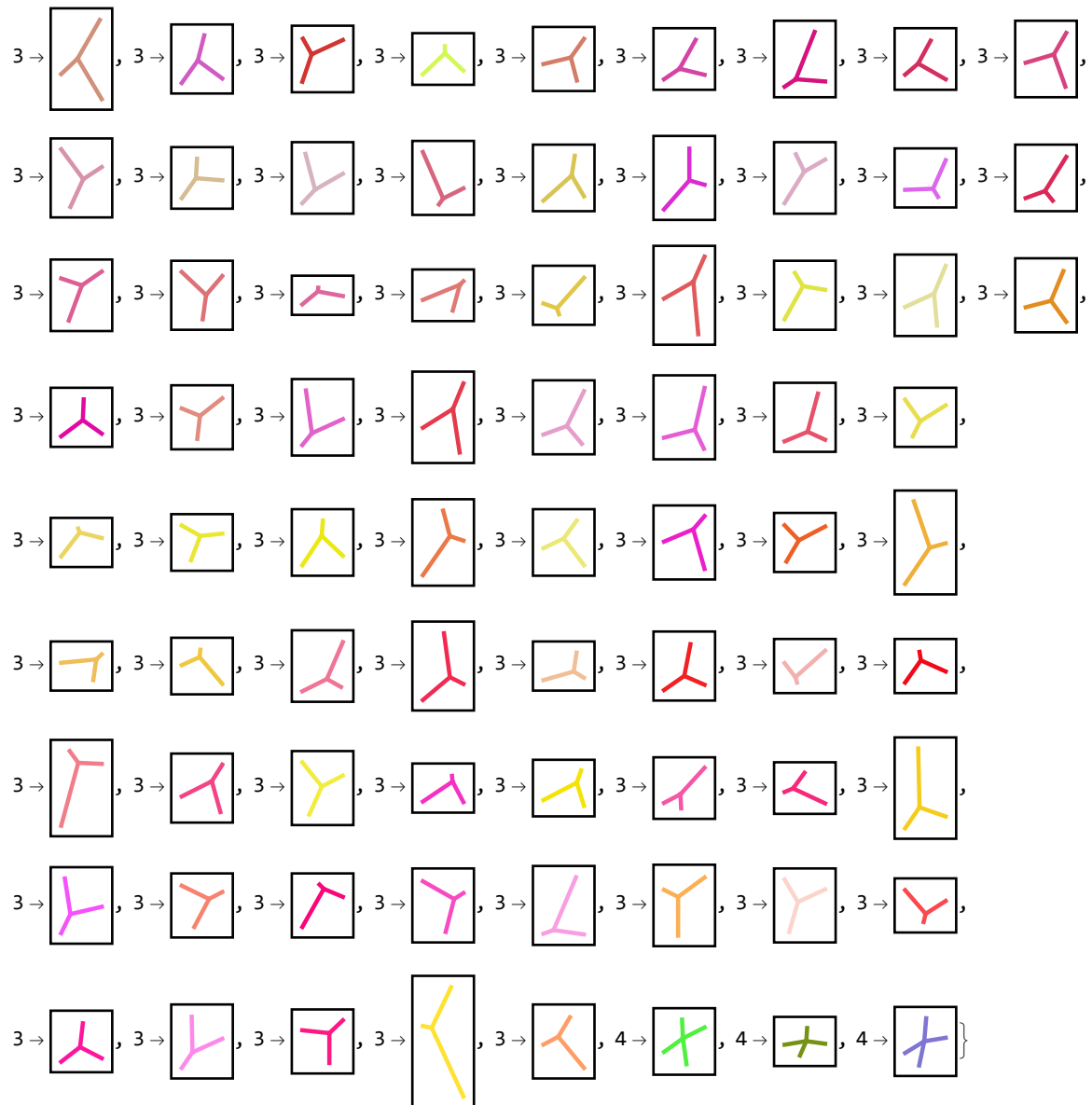
checking robustness for tension coefficients:

$$\{ 3 \rightarrow \boxed{\text{green Y}}, 3 \rightarrow \boxed{\text{blue Y}}, 3 \rightarrow \boxed{\text{green inverted Y}}, 3 \rightarrow \boxed{\text{blue inverted Y}}, 3 \rightarrow \boxed{\text{green V}}, 3 \rightarrow \boxed{\text{green inverted V}}, 3 \rightarrow \boxed{\text{green T}}, 3 \rightarrow \boxed{\text{blue T}}, 3 \rightarrow \boxed{\text{green T}} \},$$









Tension coefficients computed: ☒

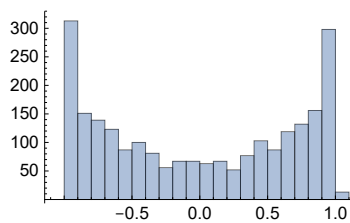
counts of zero coefficients Tx: 16

counts of zero coefficients Ty: 9

Tx coefficients stats: $\langle |3 \rightarrow 376, 2 \rightarrow 16, 4 \rightarrow 3| \rangle$

Ty coefficients stats: $\langle |3 \rightarrow 383, 2 \rightarrow 9, 4 \rightarrow 3| \rangle$

Tension coefficients dist:

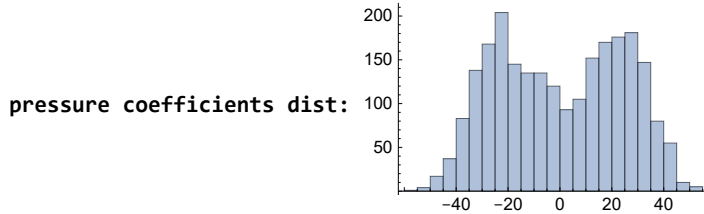


Pressure coefficients computed: ☒

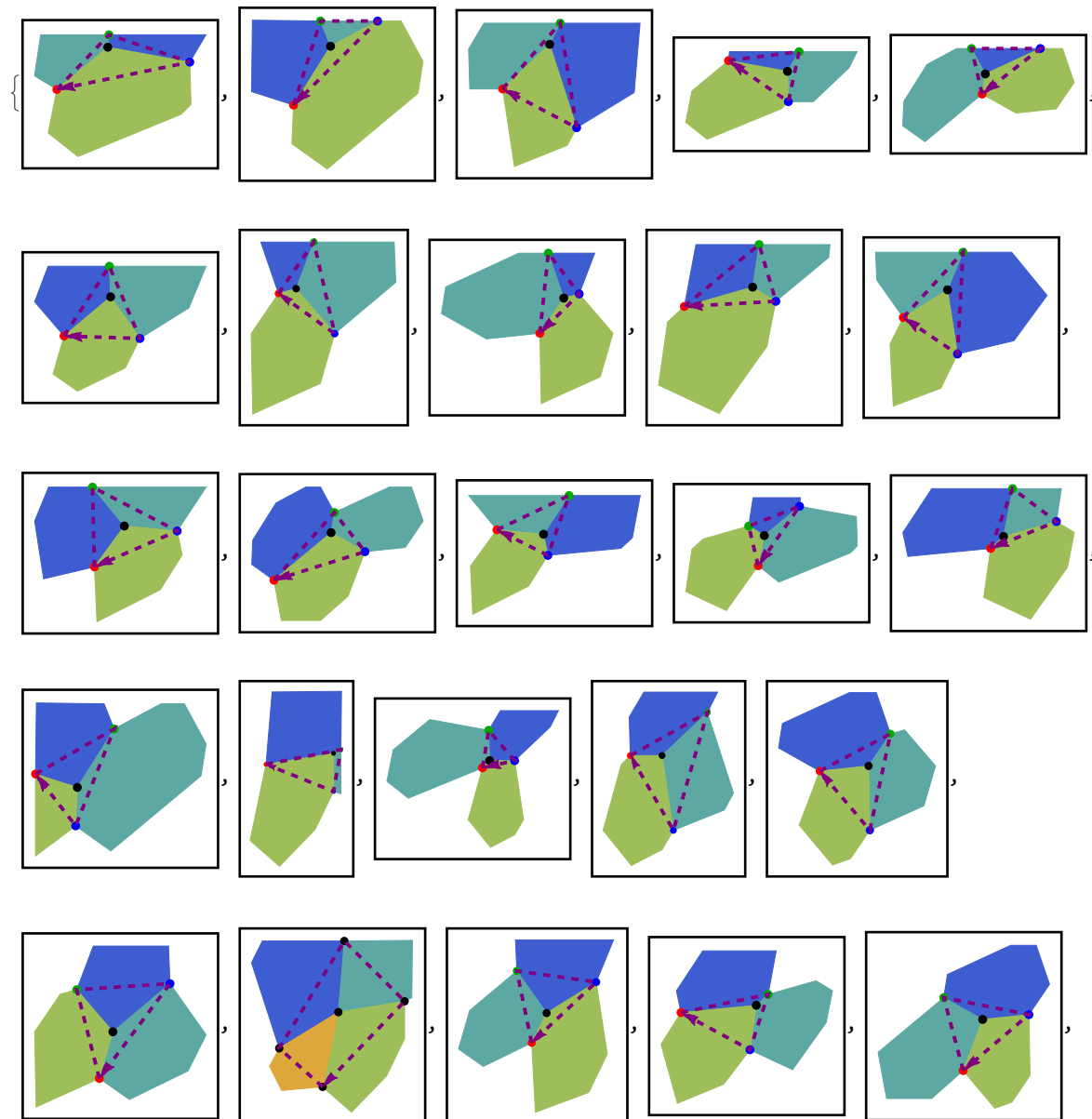
Pressure coefficients zero: 15

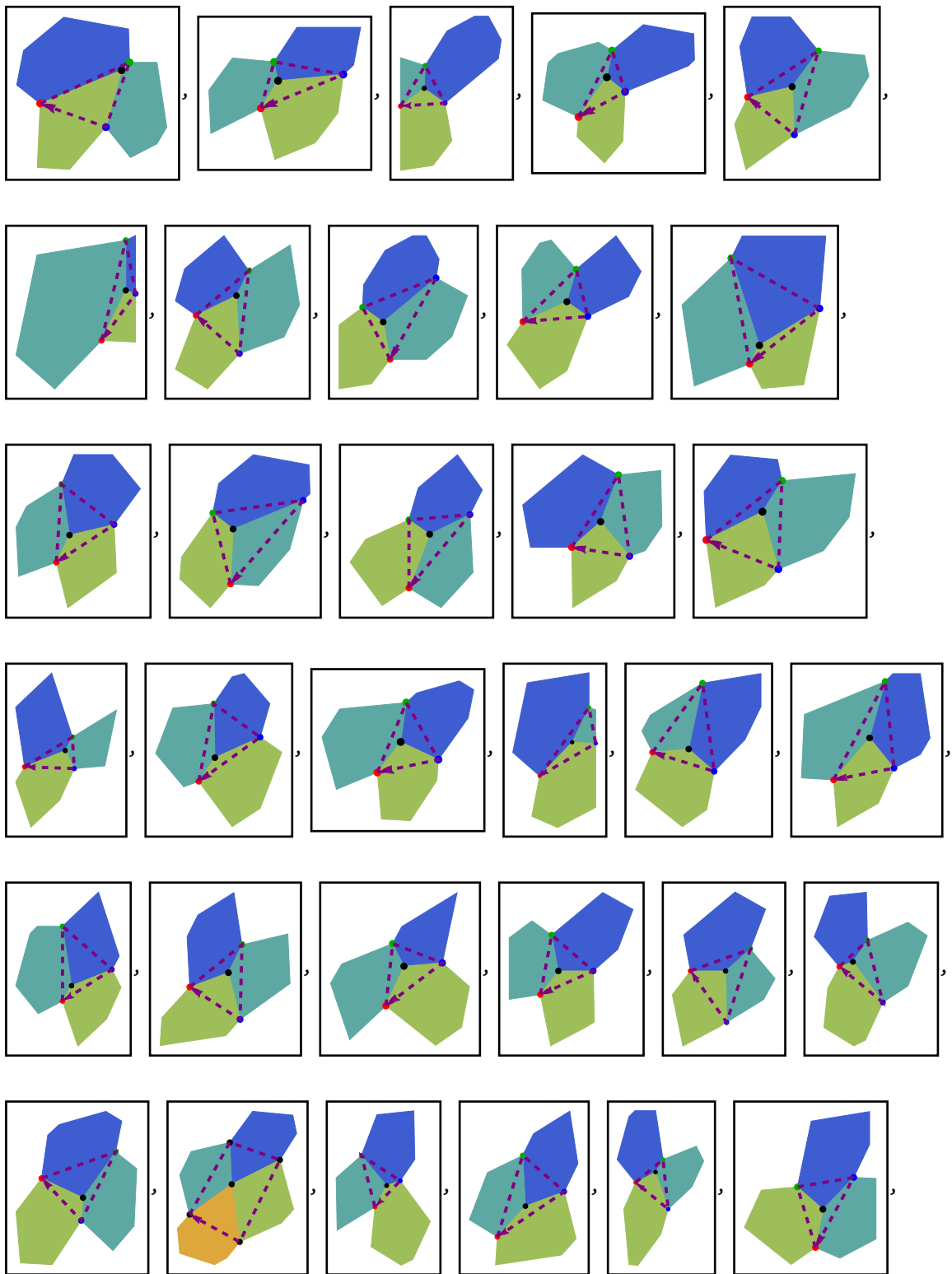
Px coefficients stats: $\langle |3 \rightarrow 387, 2 \rightarrow 5, 4 \rightarrow 3| \rangle$

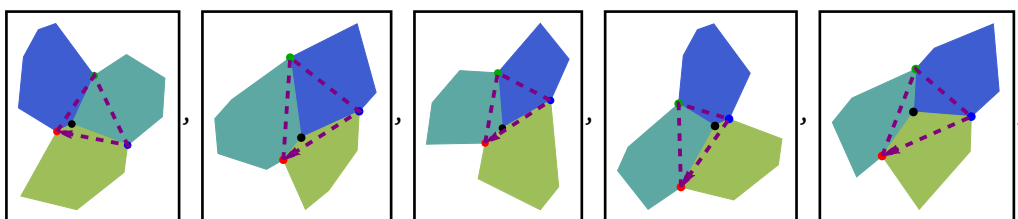
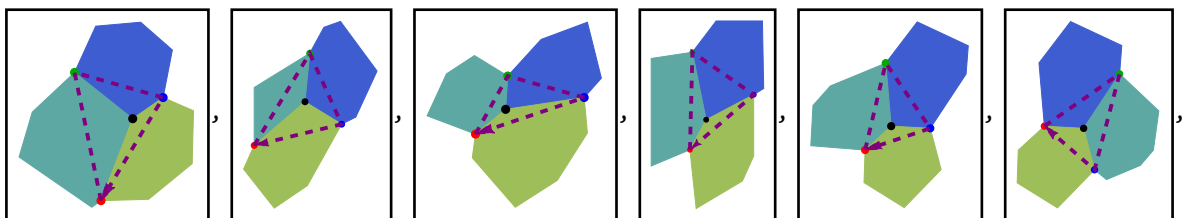
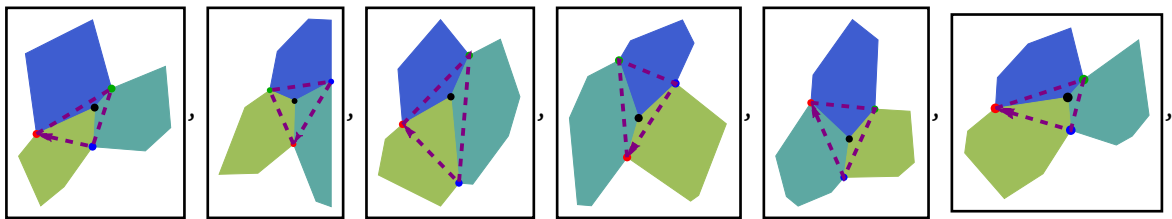
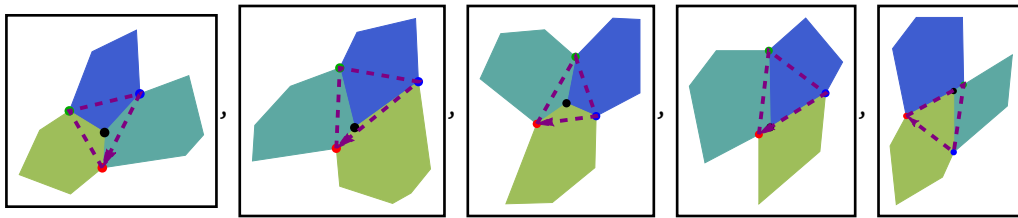
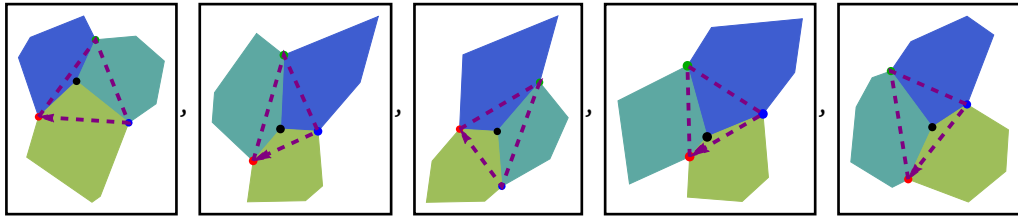
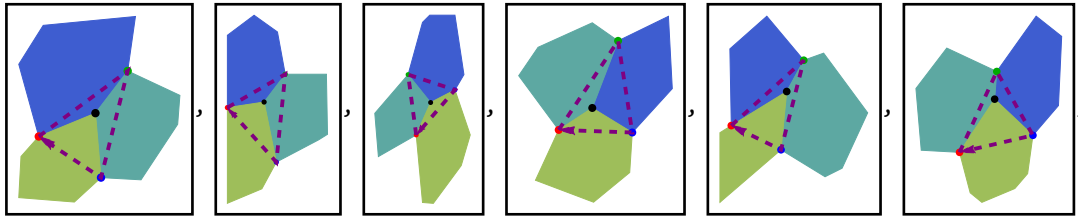
Py coefficients stats: $\langle |3 \rightarrow 382, 4 \rightarrow 3, 2 \rightarrow 10| \rangle$

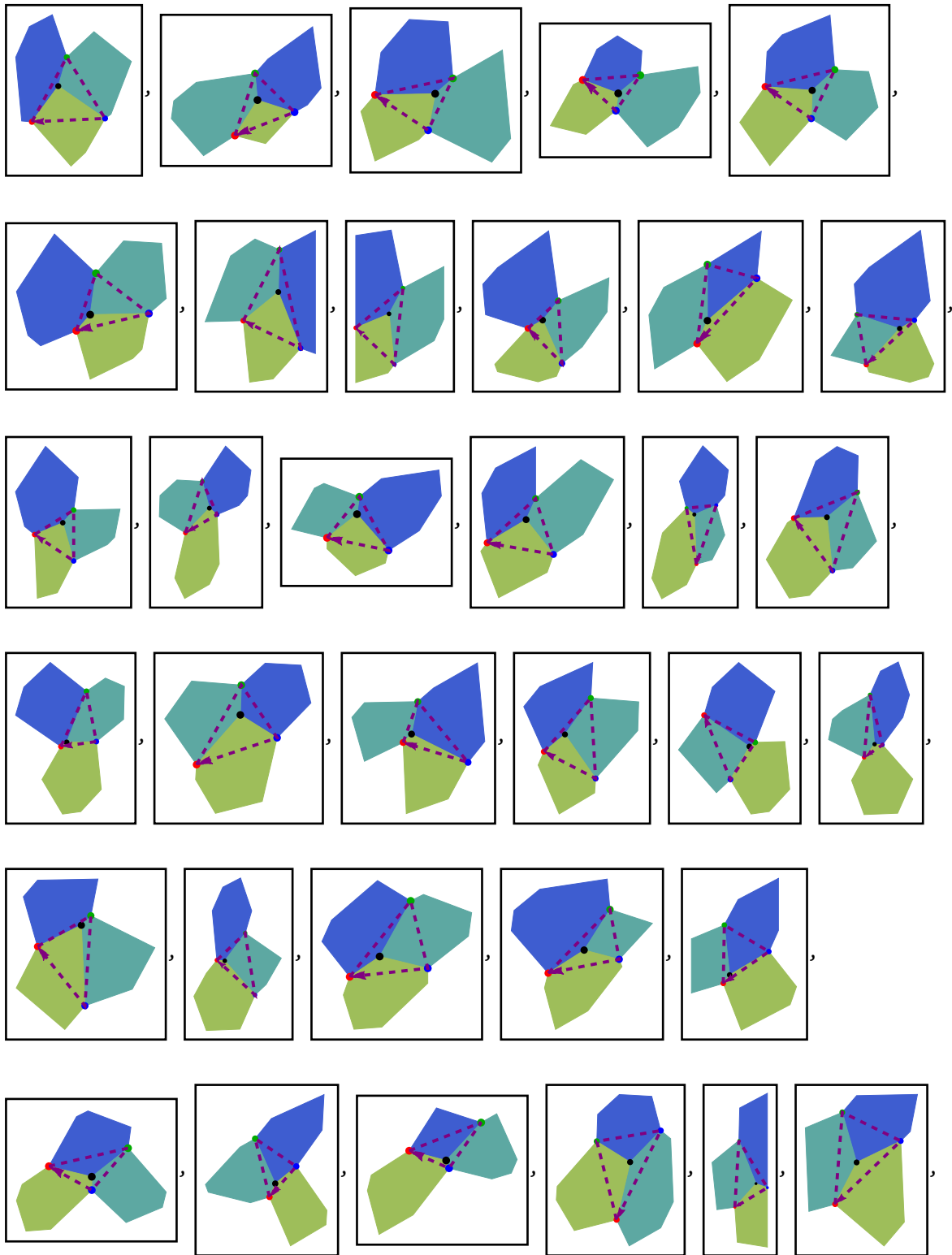


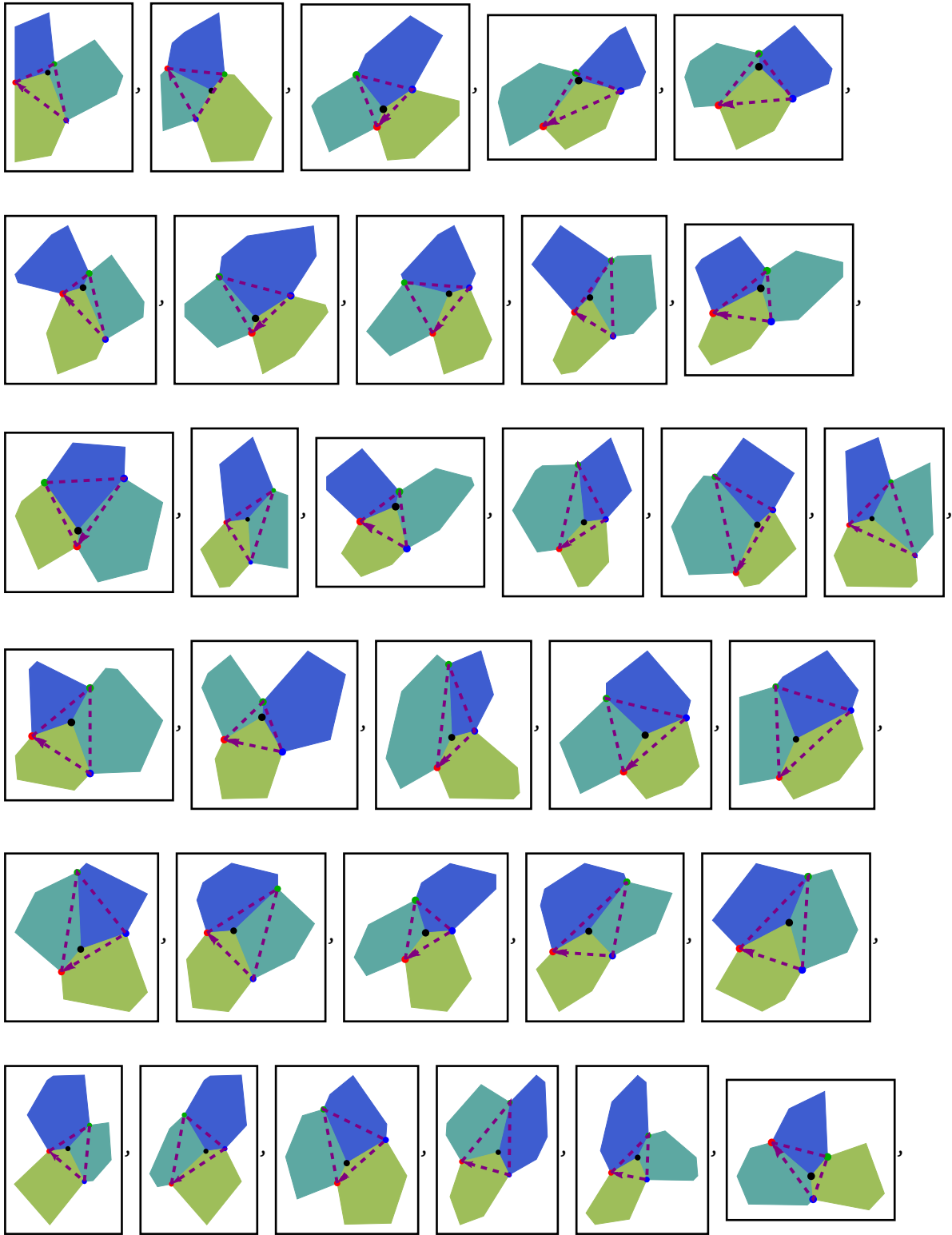
checking robustness for pressure coefficients:

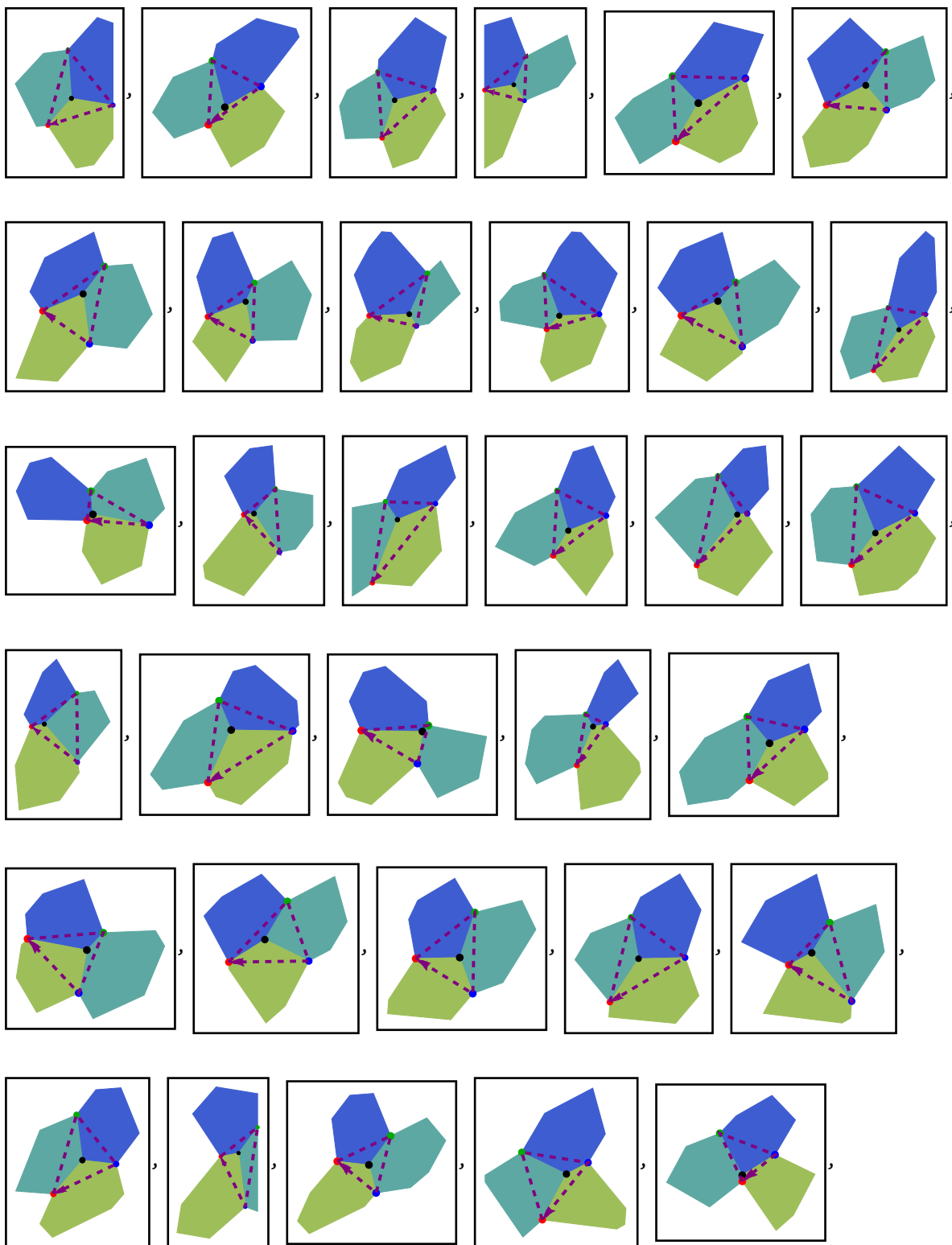


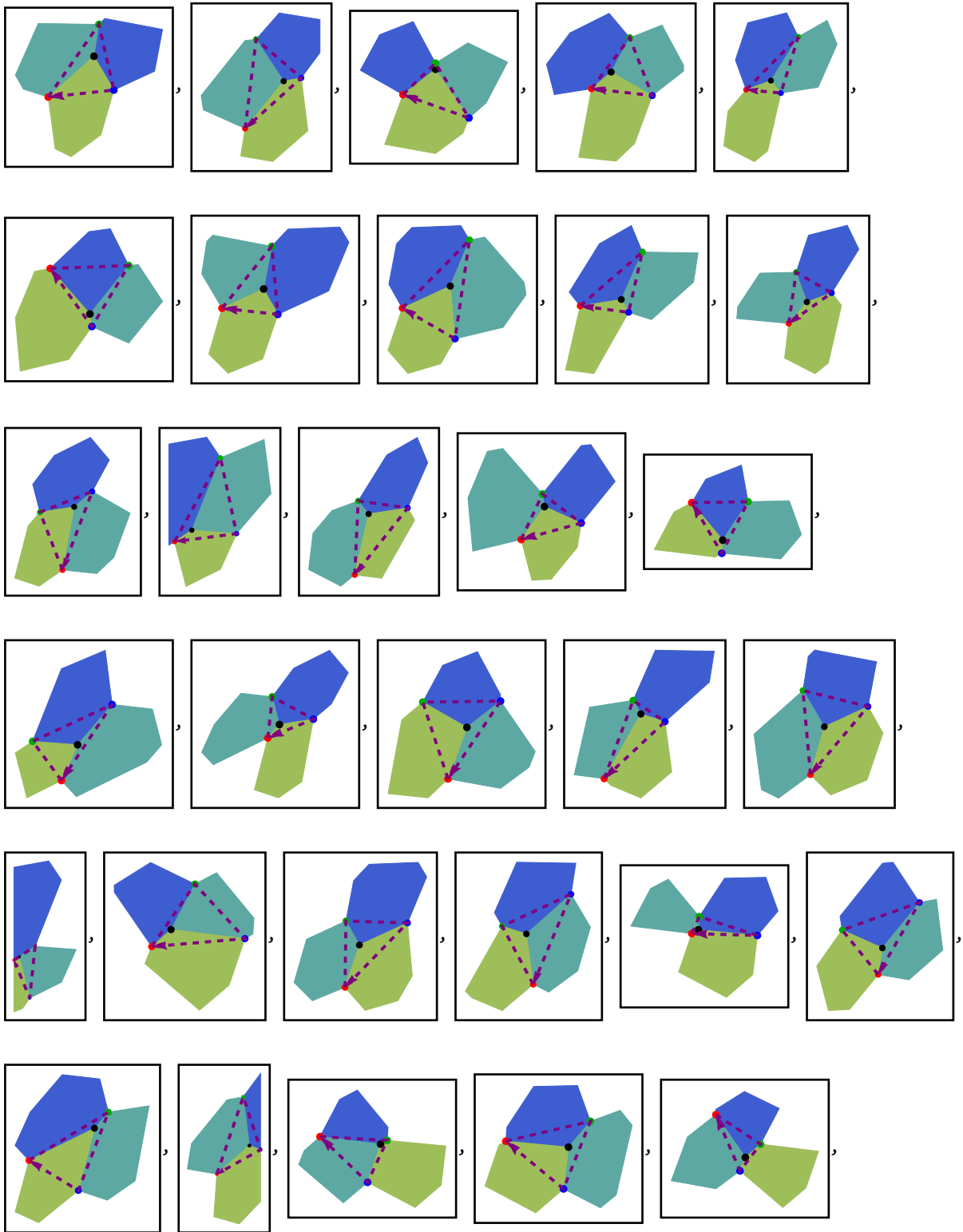


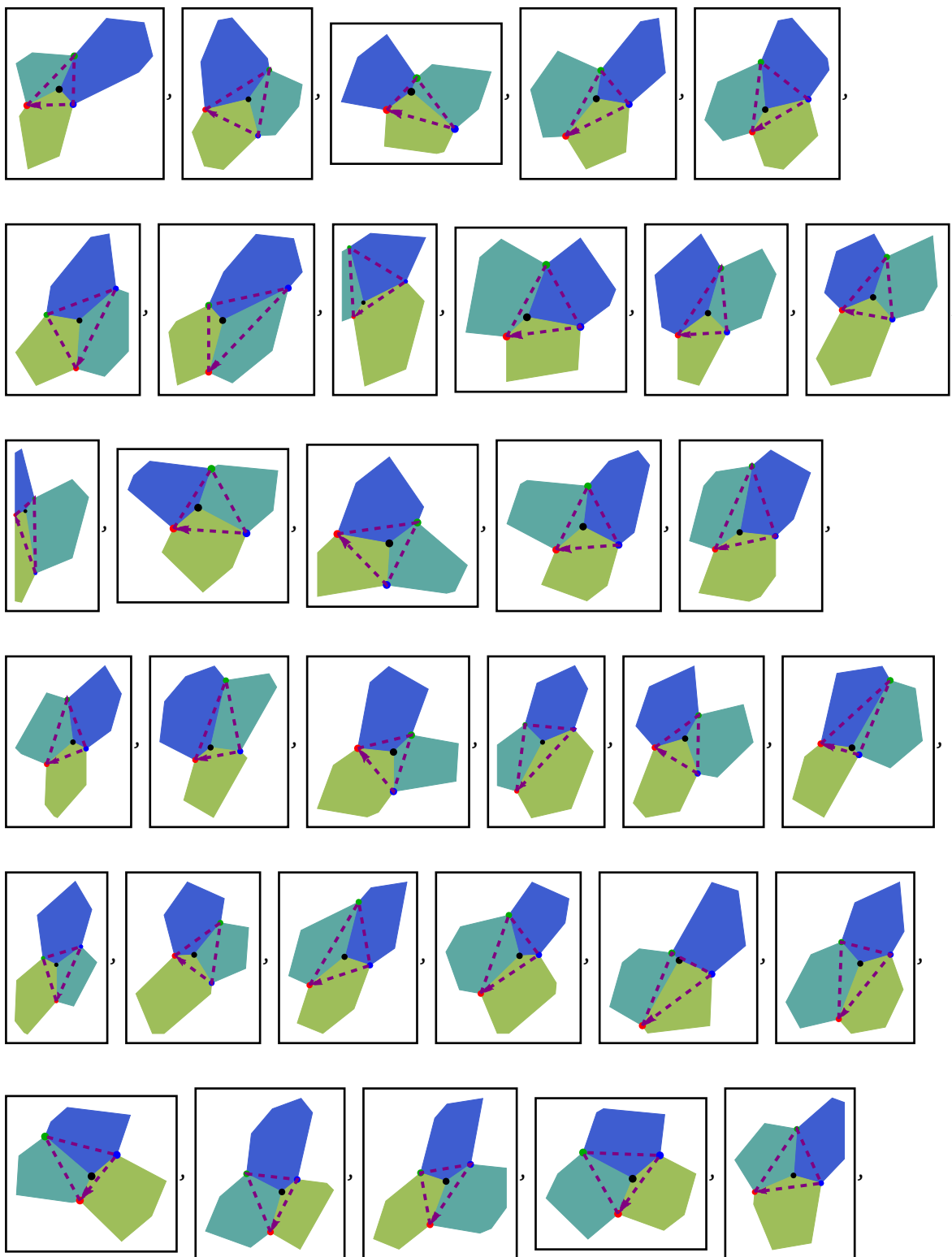


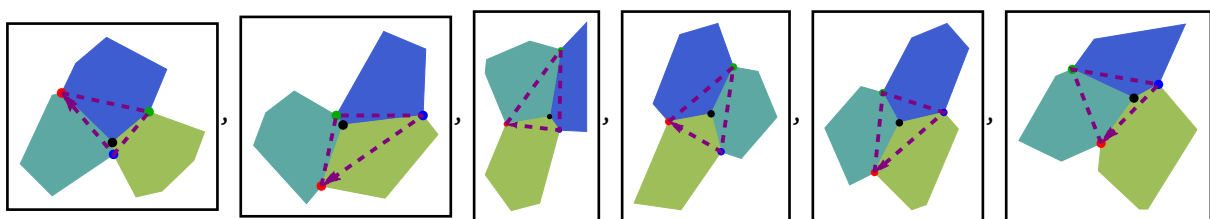
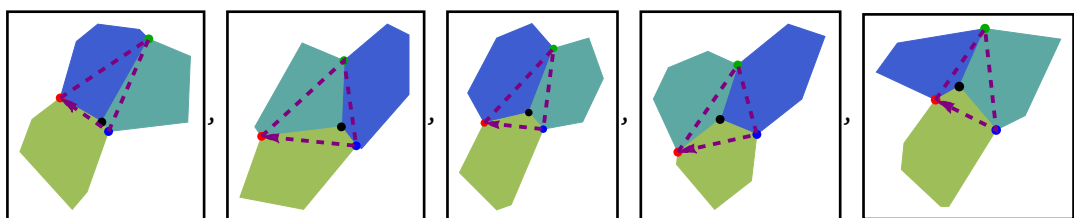
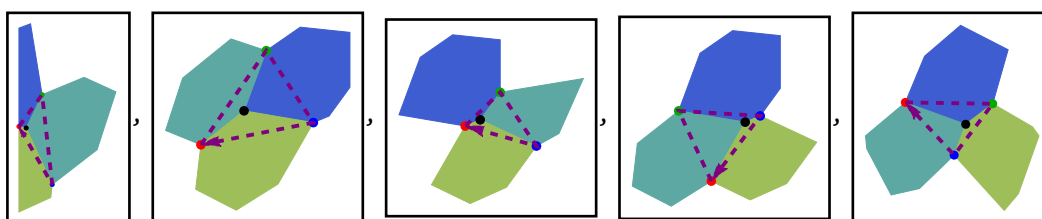
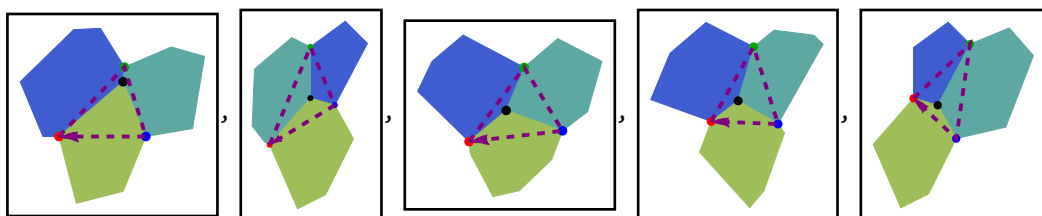
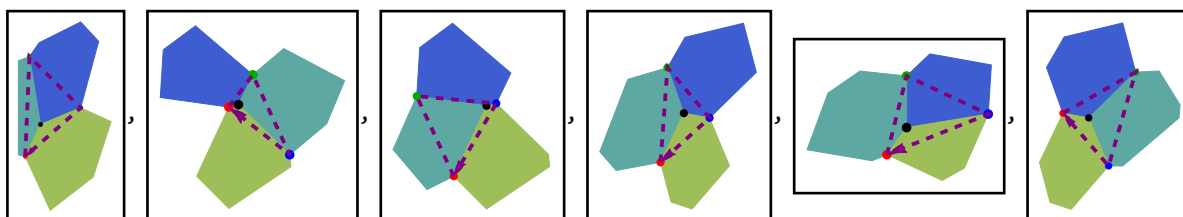
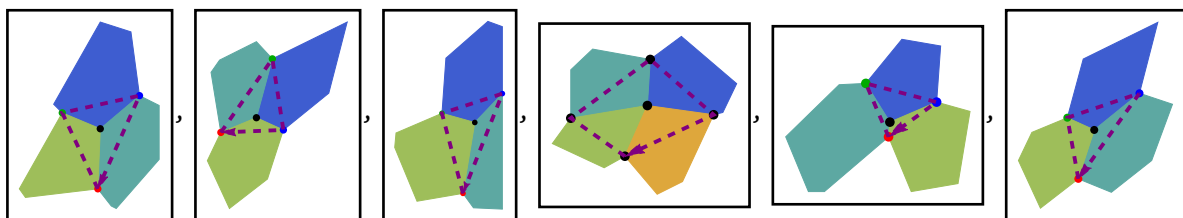


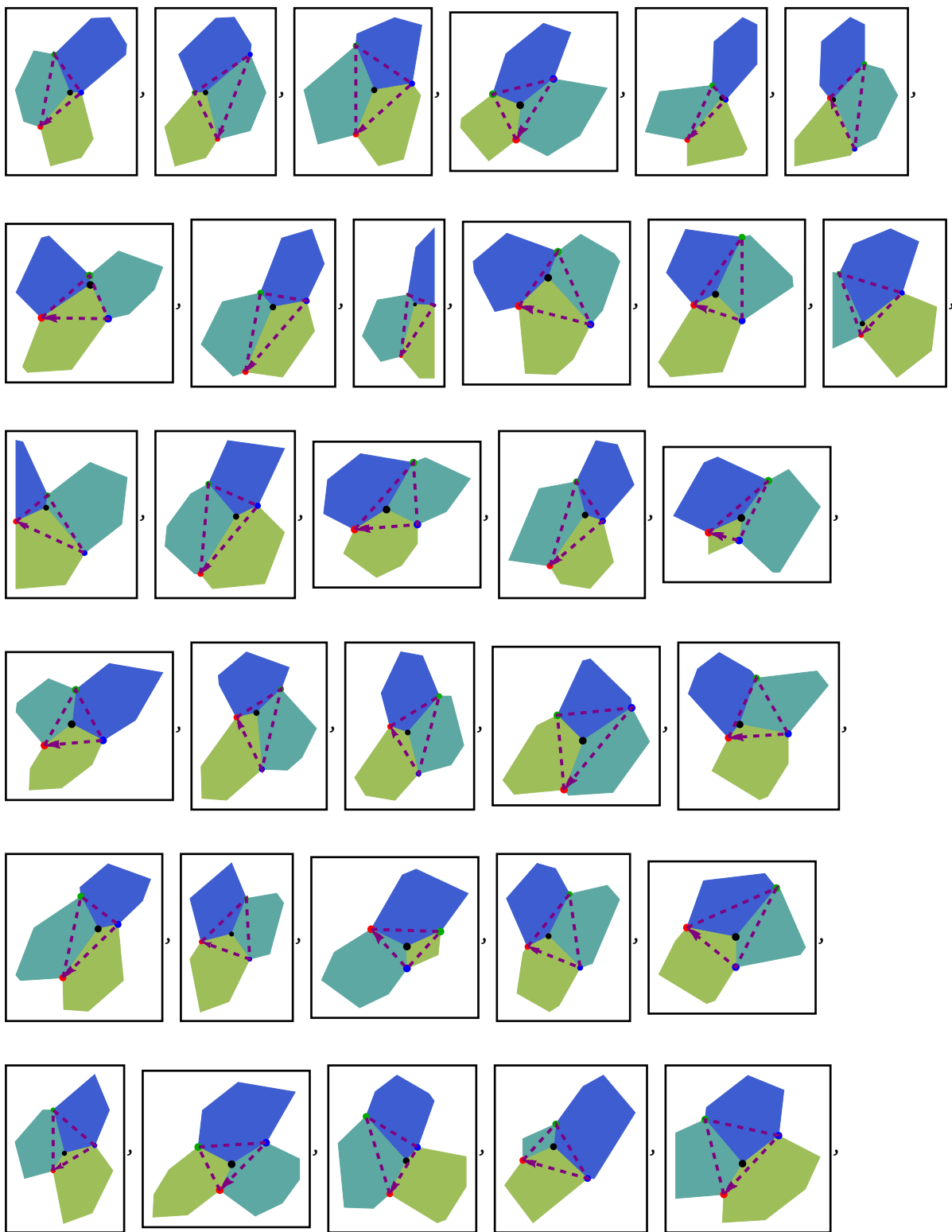


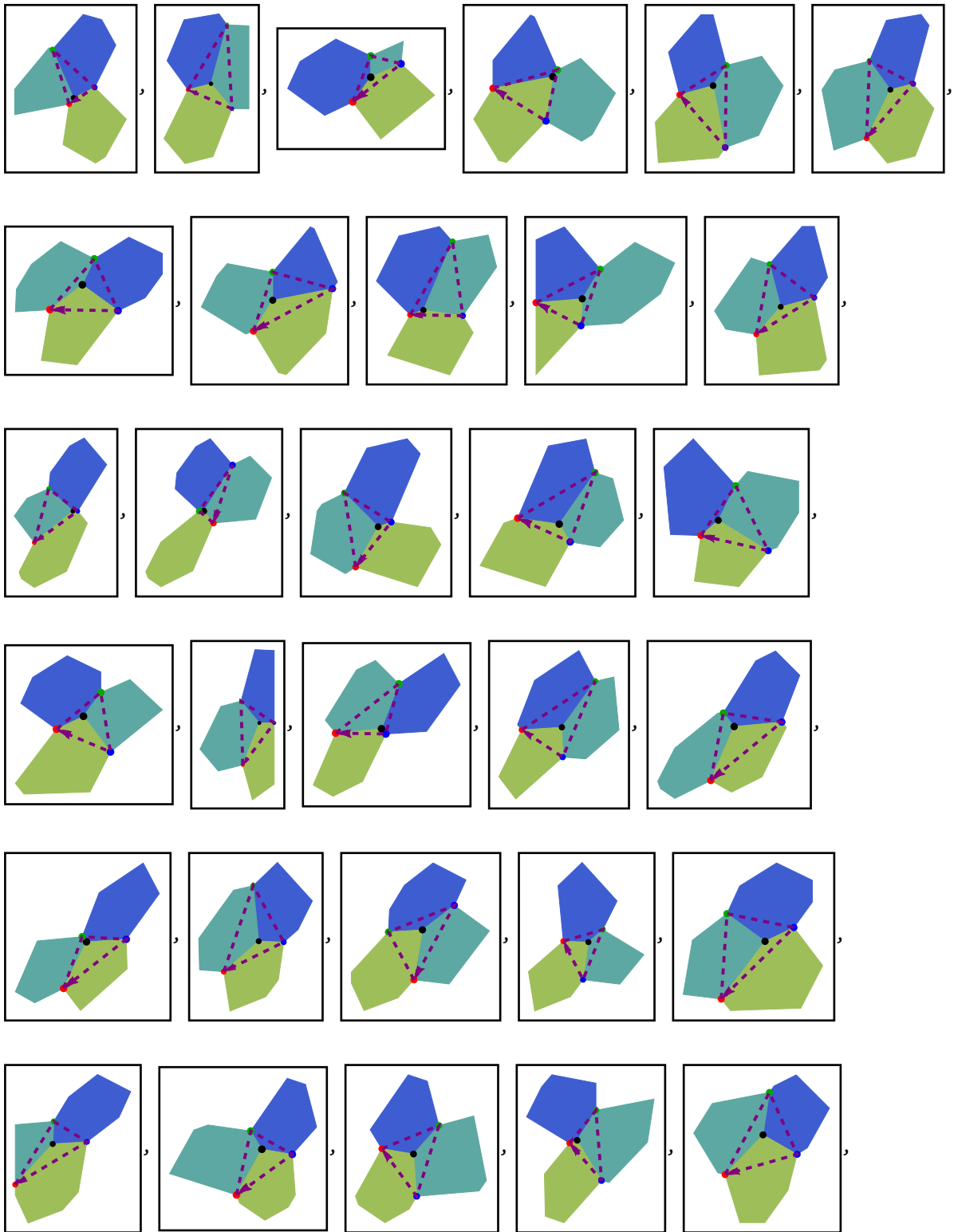


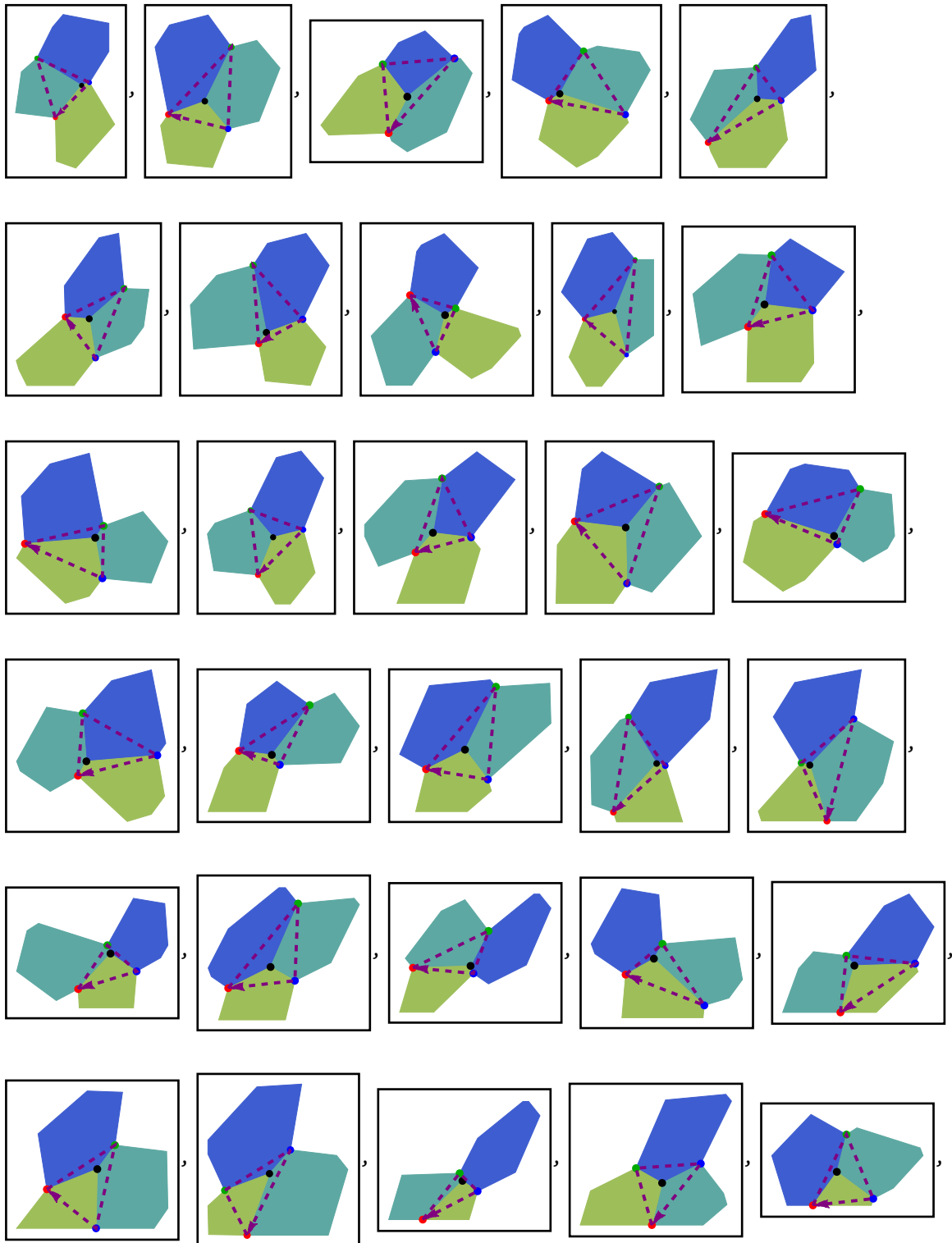


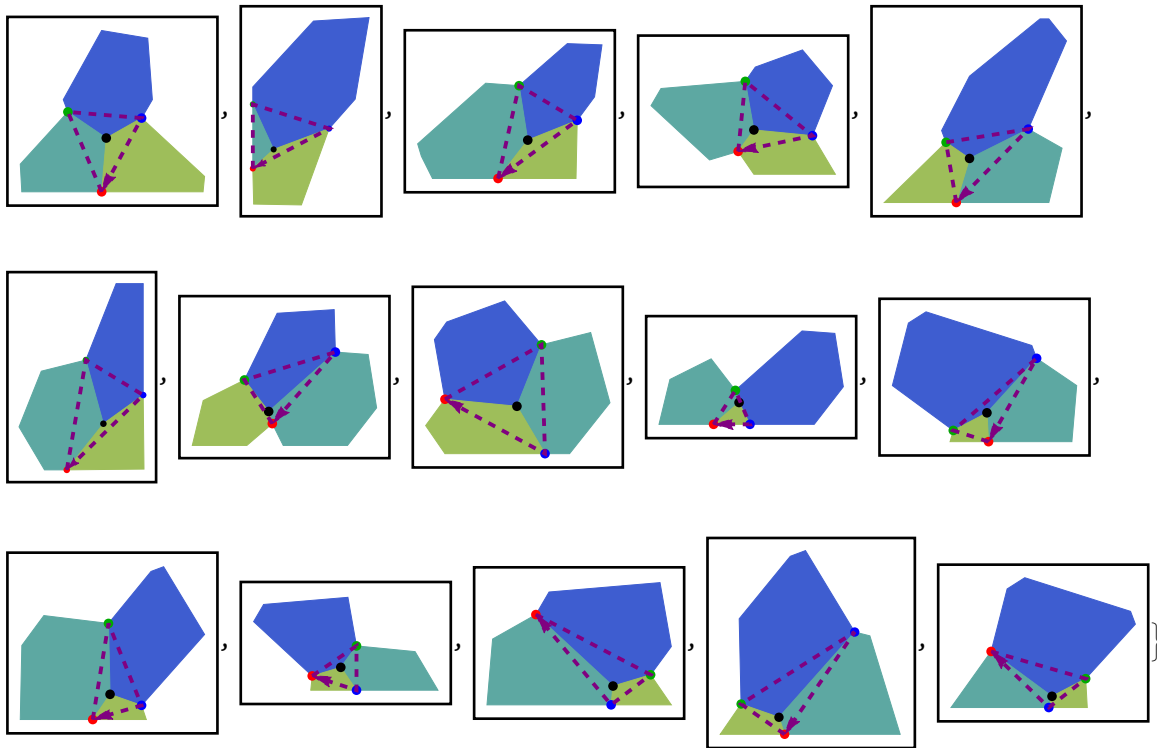




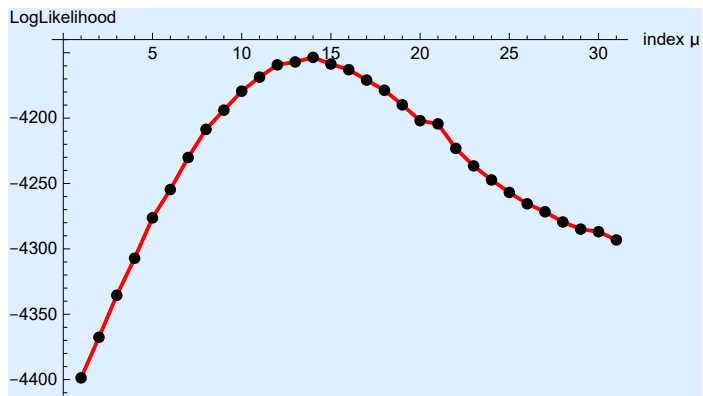






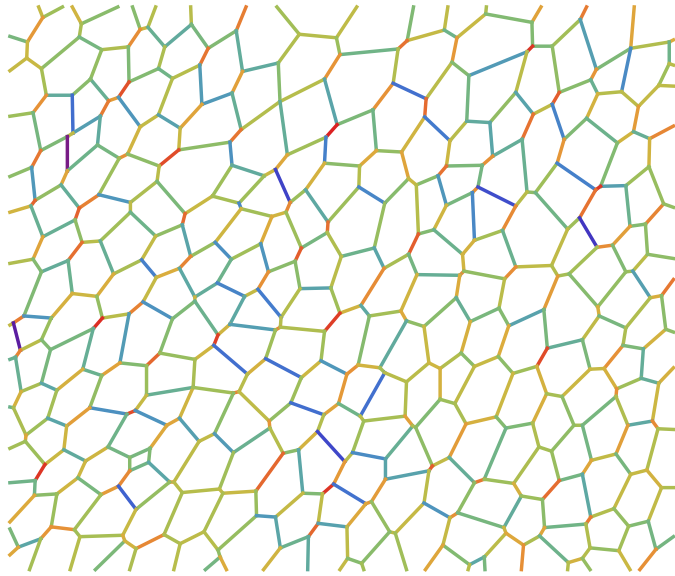


with maximum likelihood

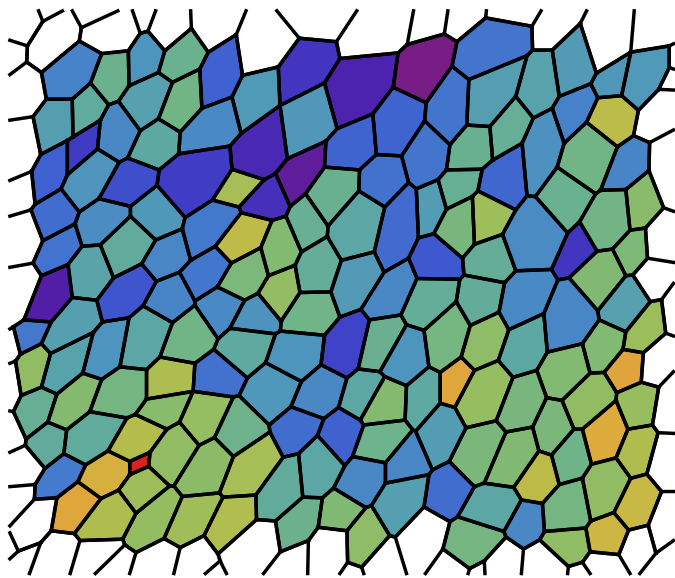


optimized value of μ : 0.630957

Tension map:



Pressure map:



Out[]= {61.6576, Null}