Pictures of all the states

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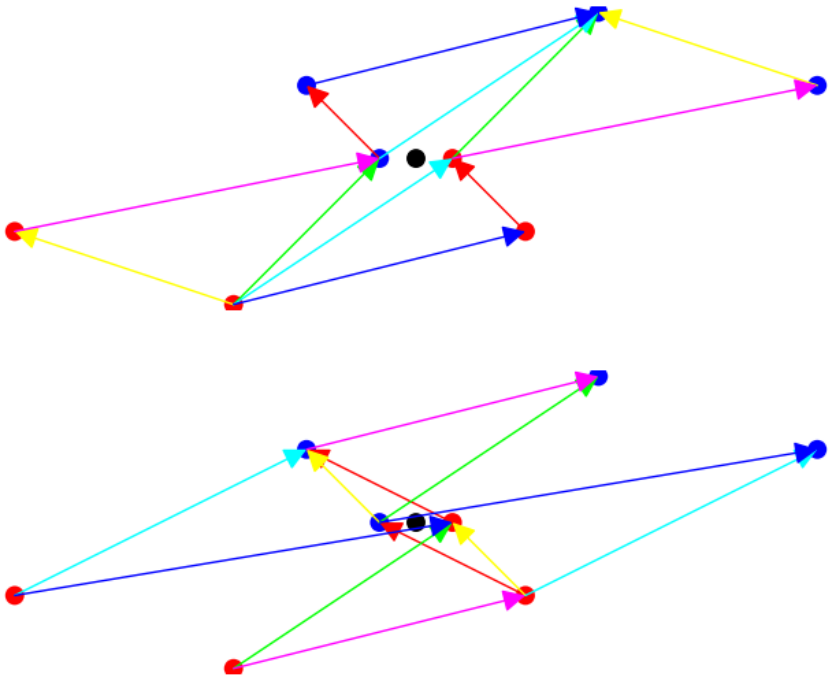
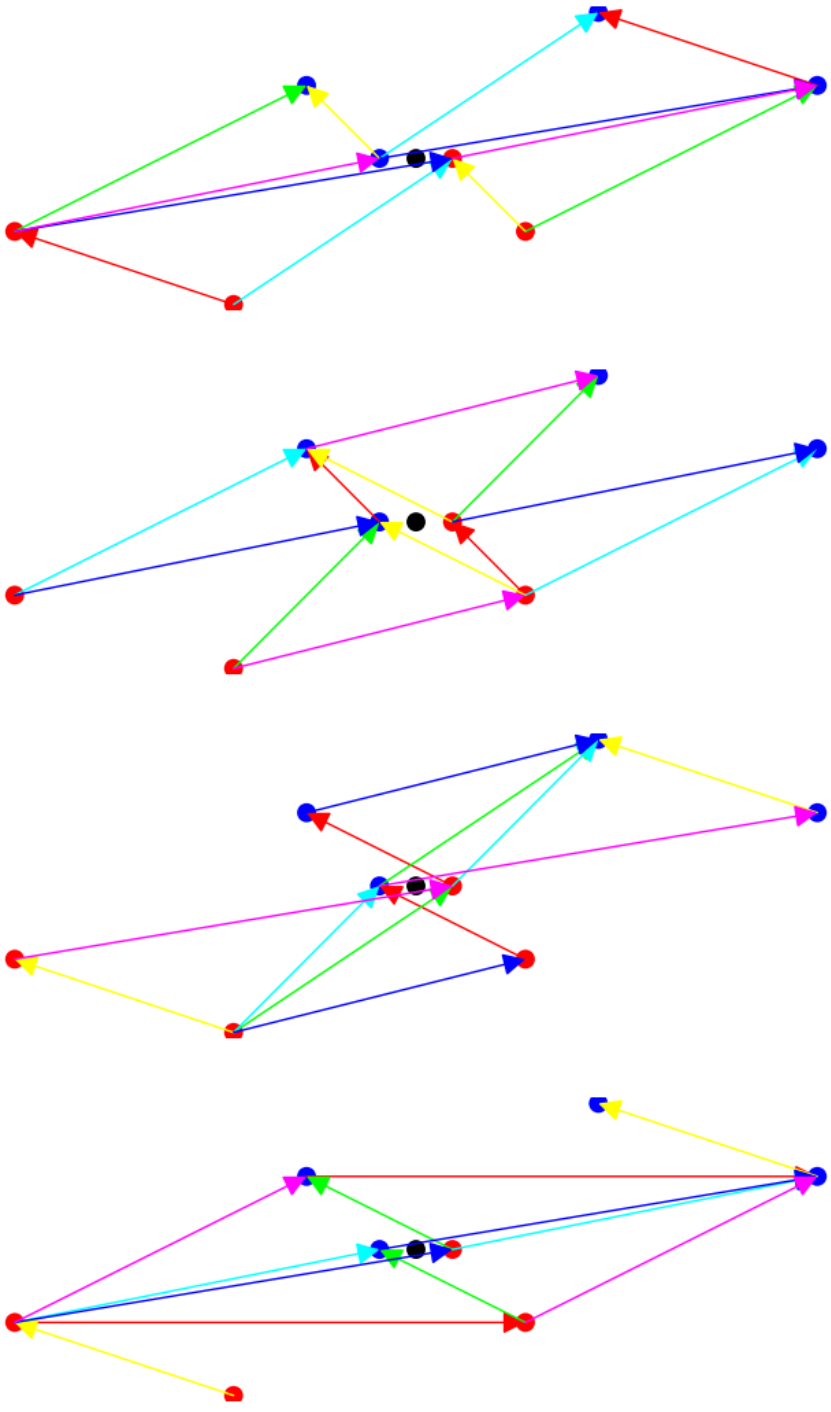
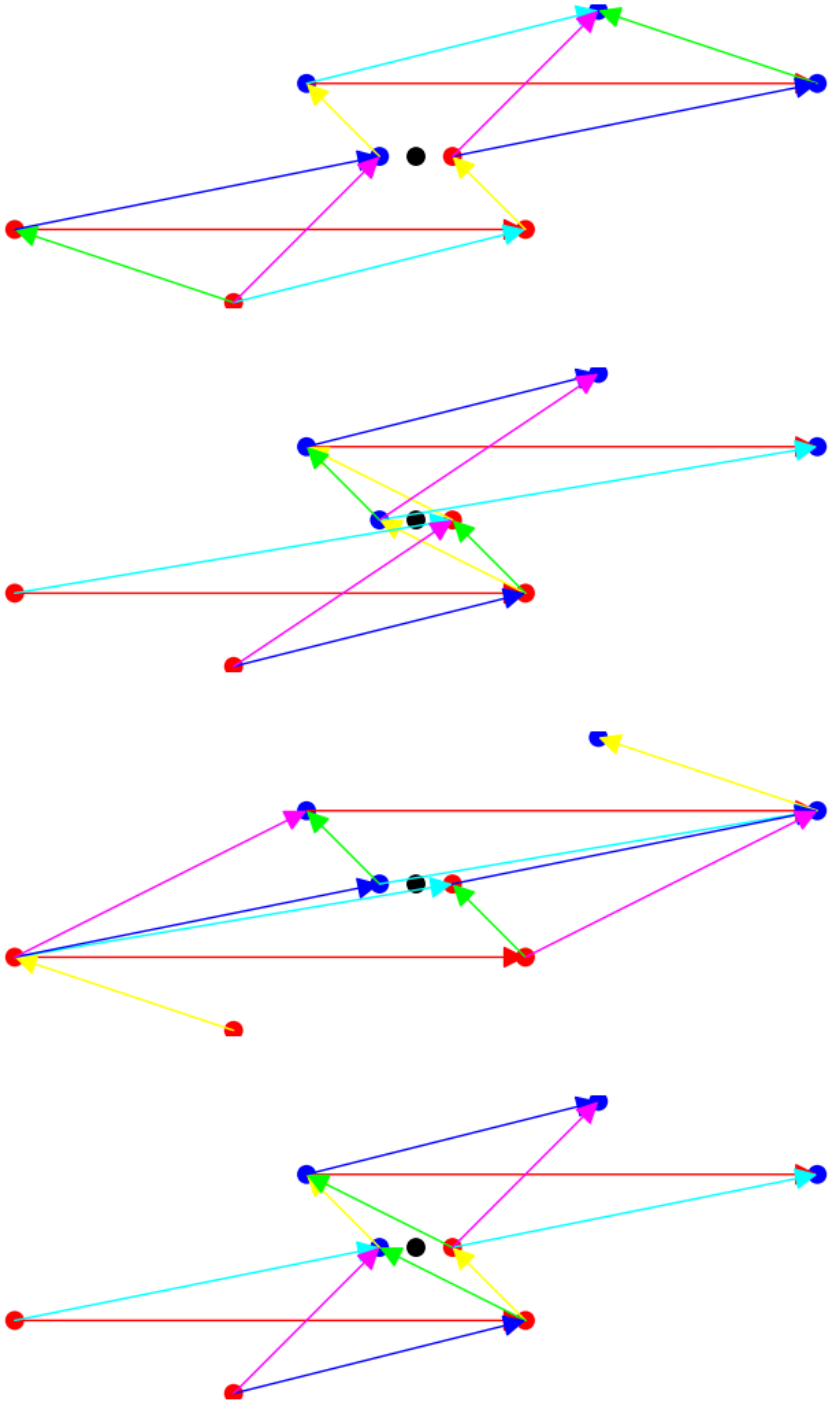
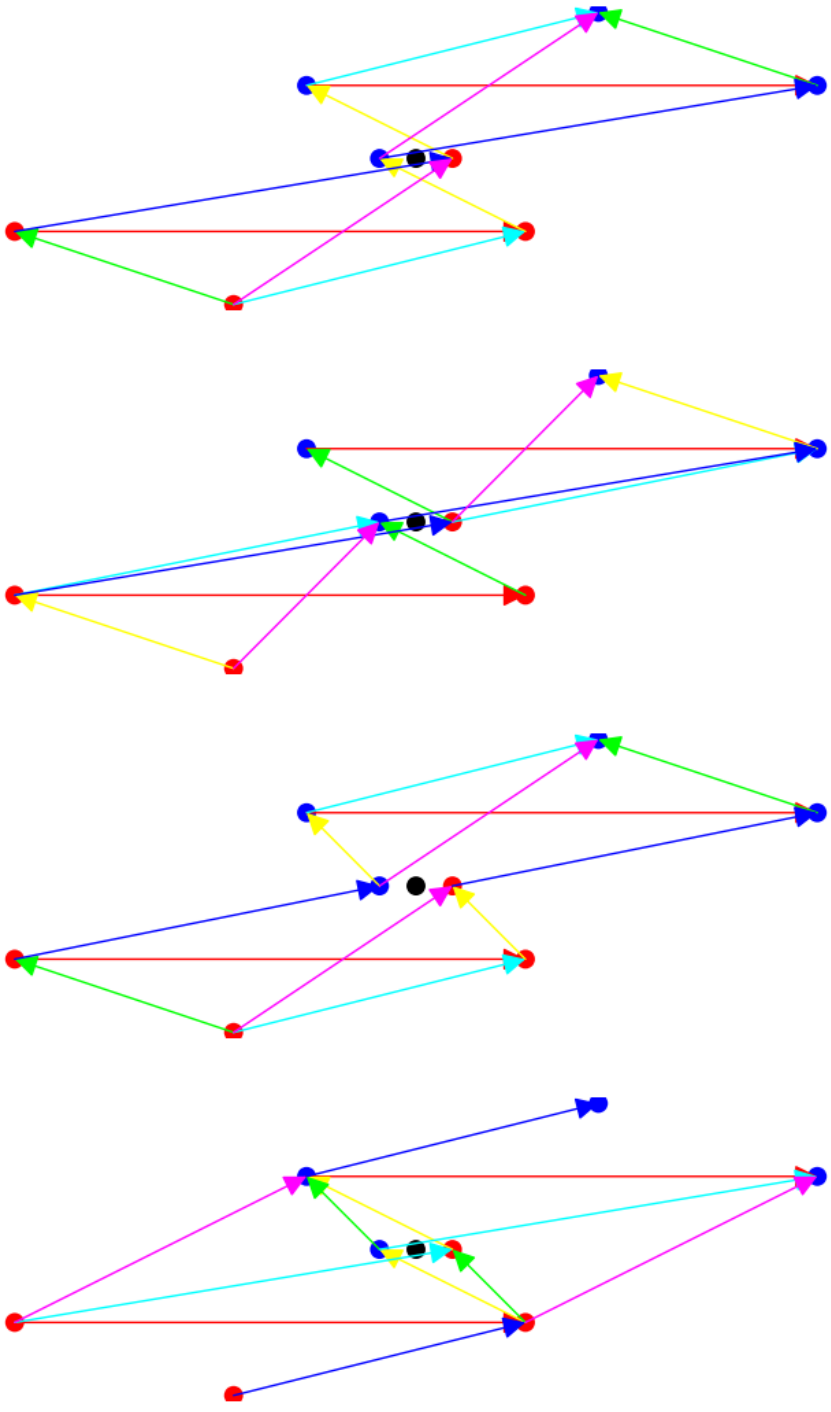
Contents

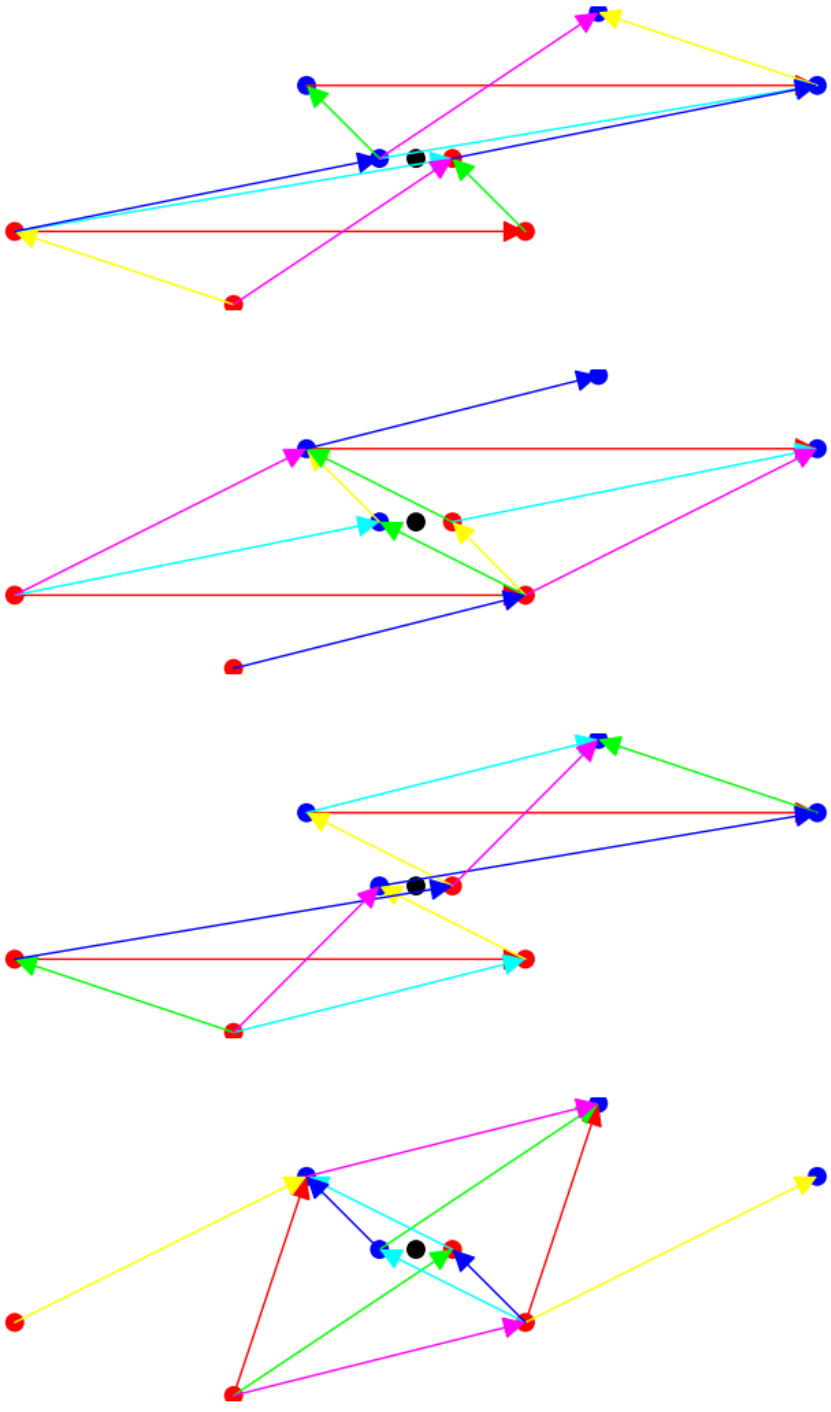

```
i = 5
P = expansive_motion(states[i])
v = vector(P.rays()[0])/10 + 0.18 * vector(P.lines()[0])
V = matrix([[v[0],v[1]],[v[2],v[3]],[v[4],v[5]],[v[6],v[7]]])
[(plot_state(s) + central_charge_plot).show(aspect_ratio=1, axes=False) for s in state
```

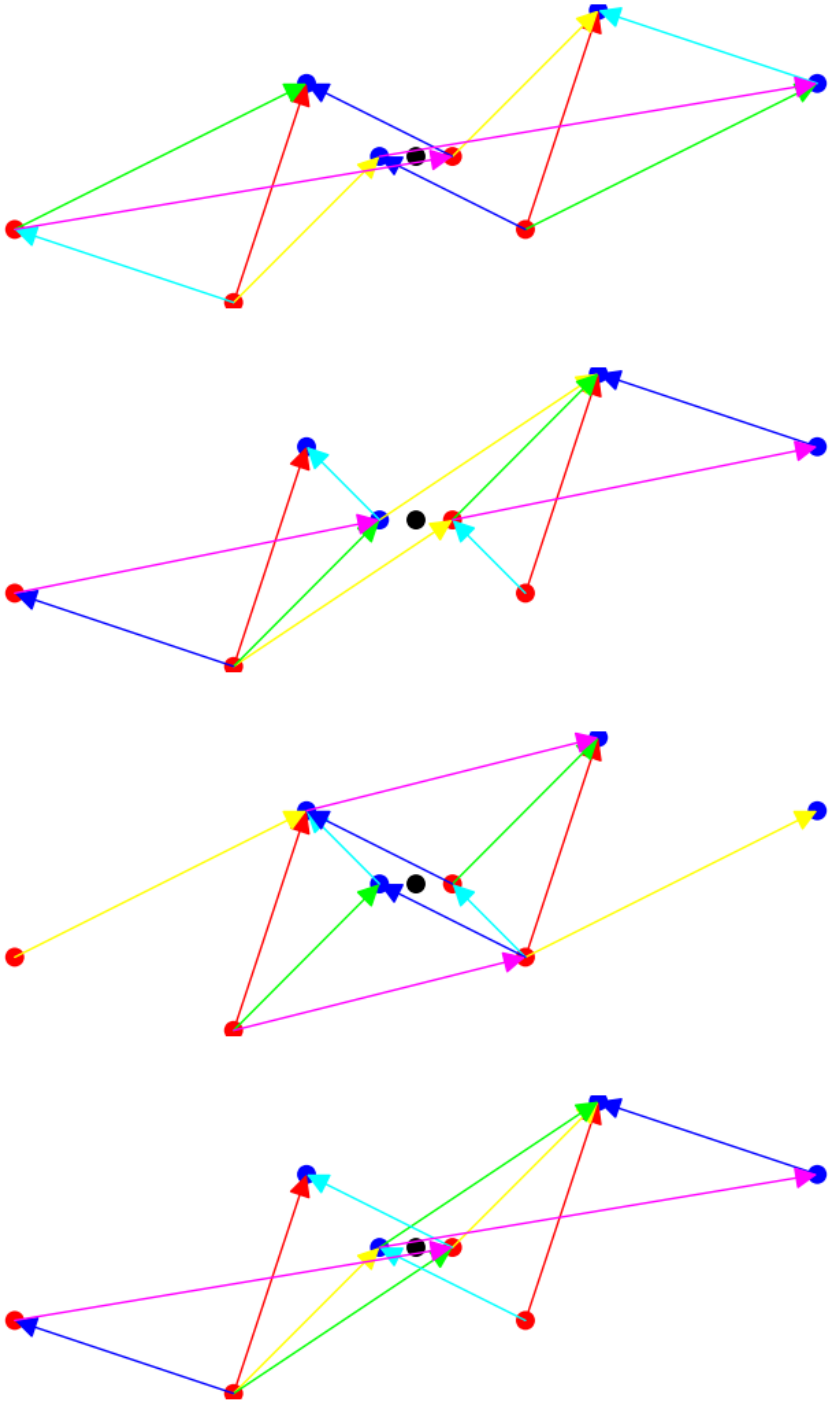


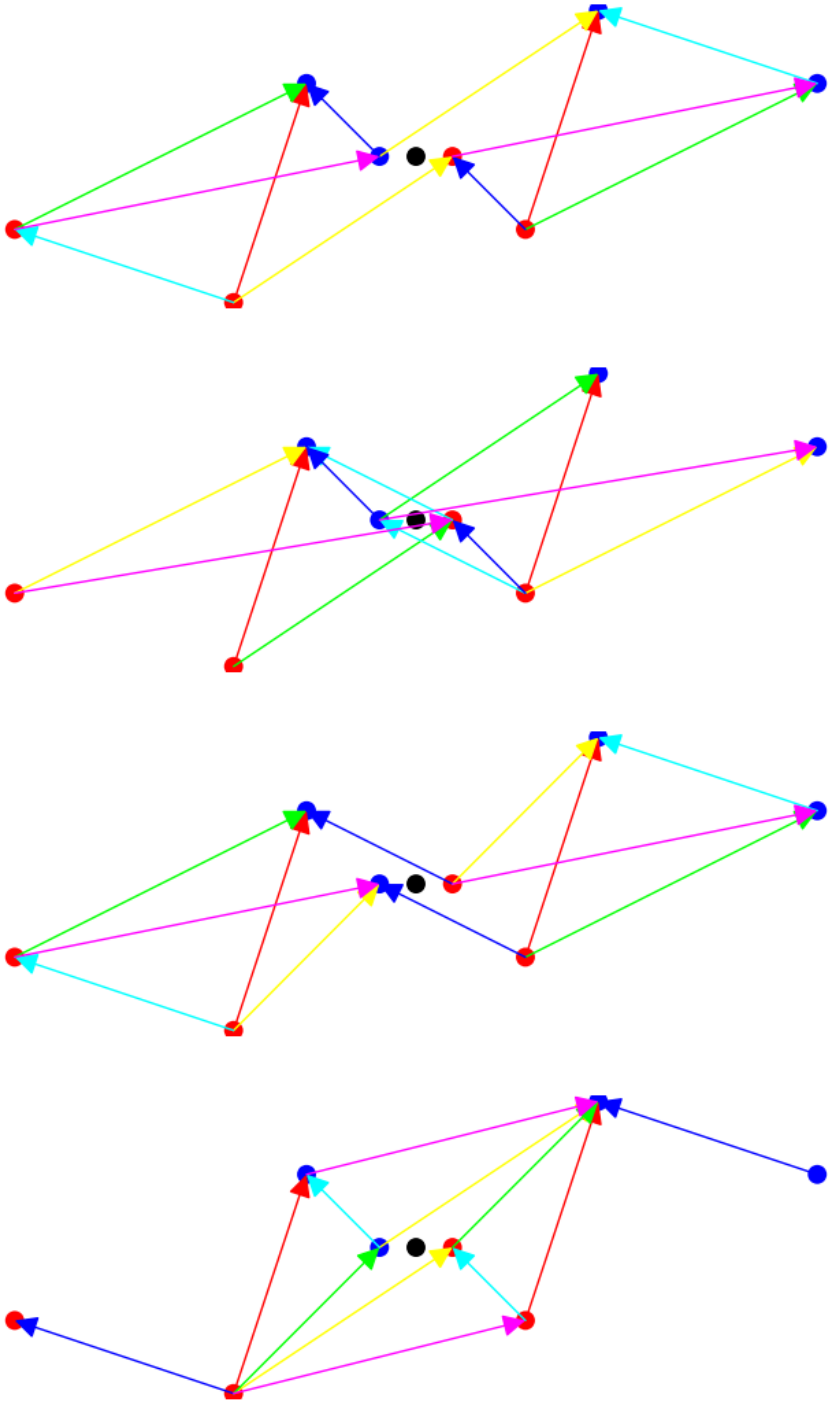


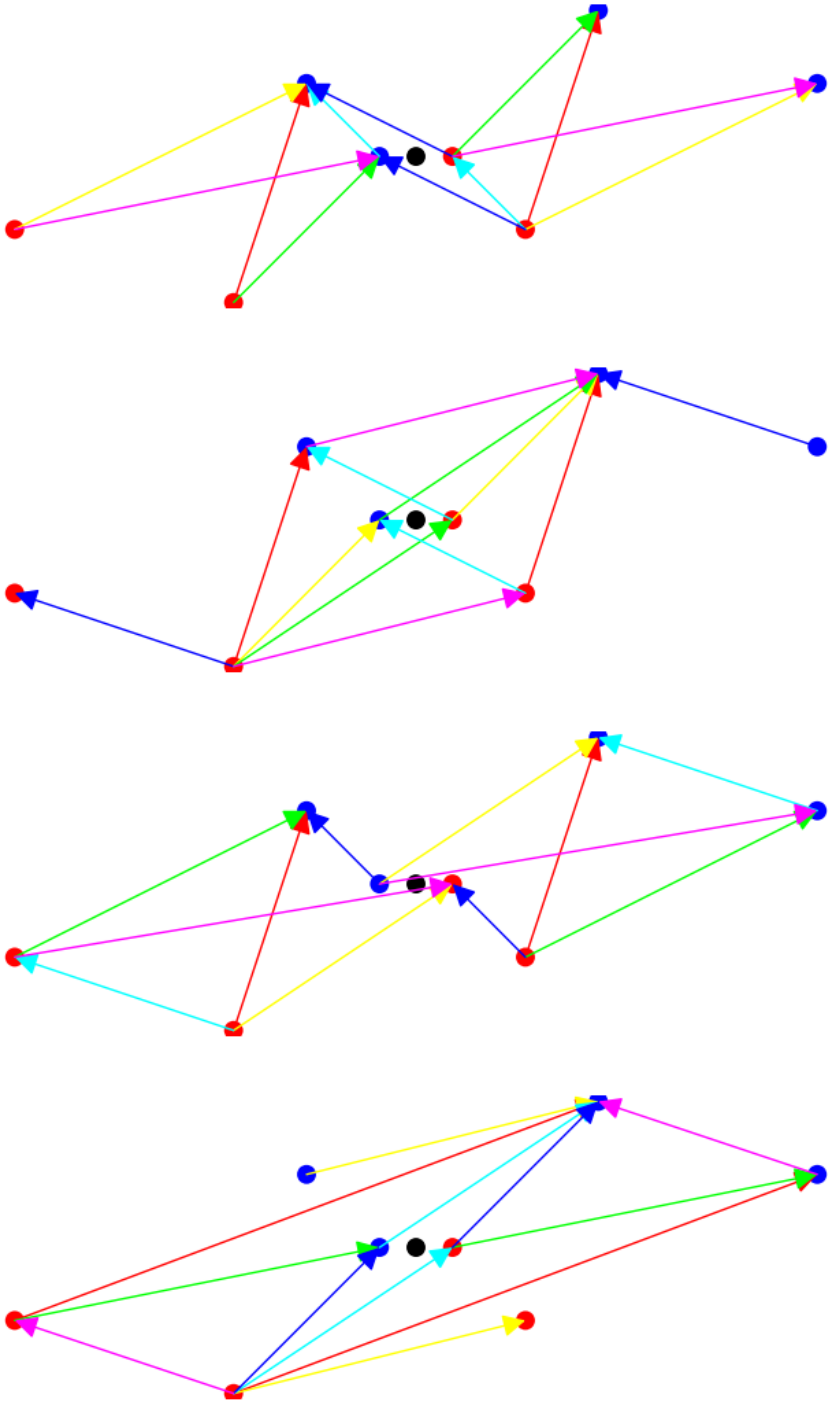


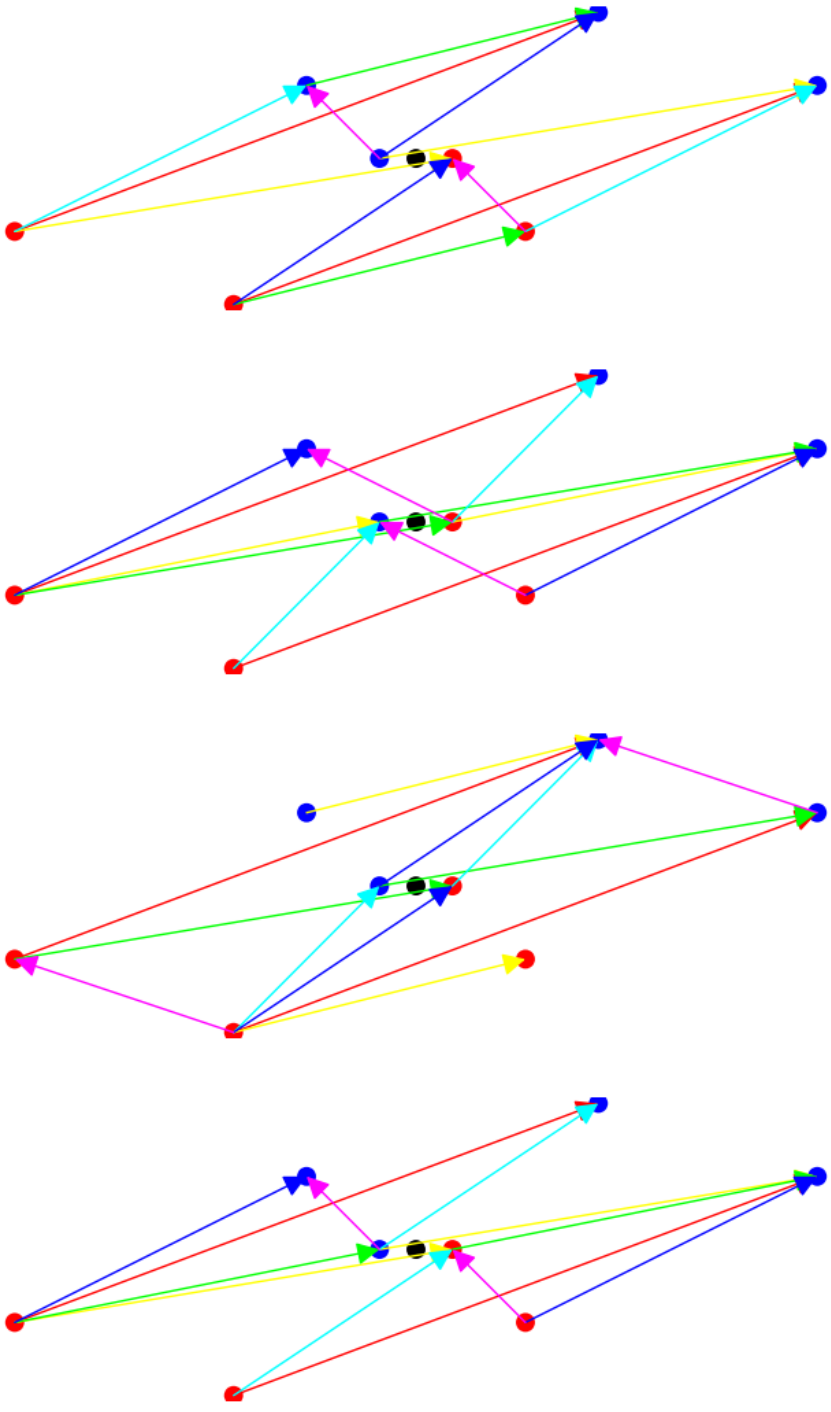


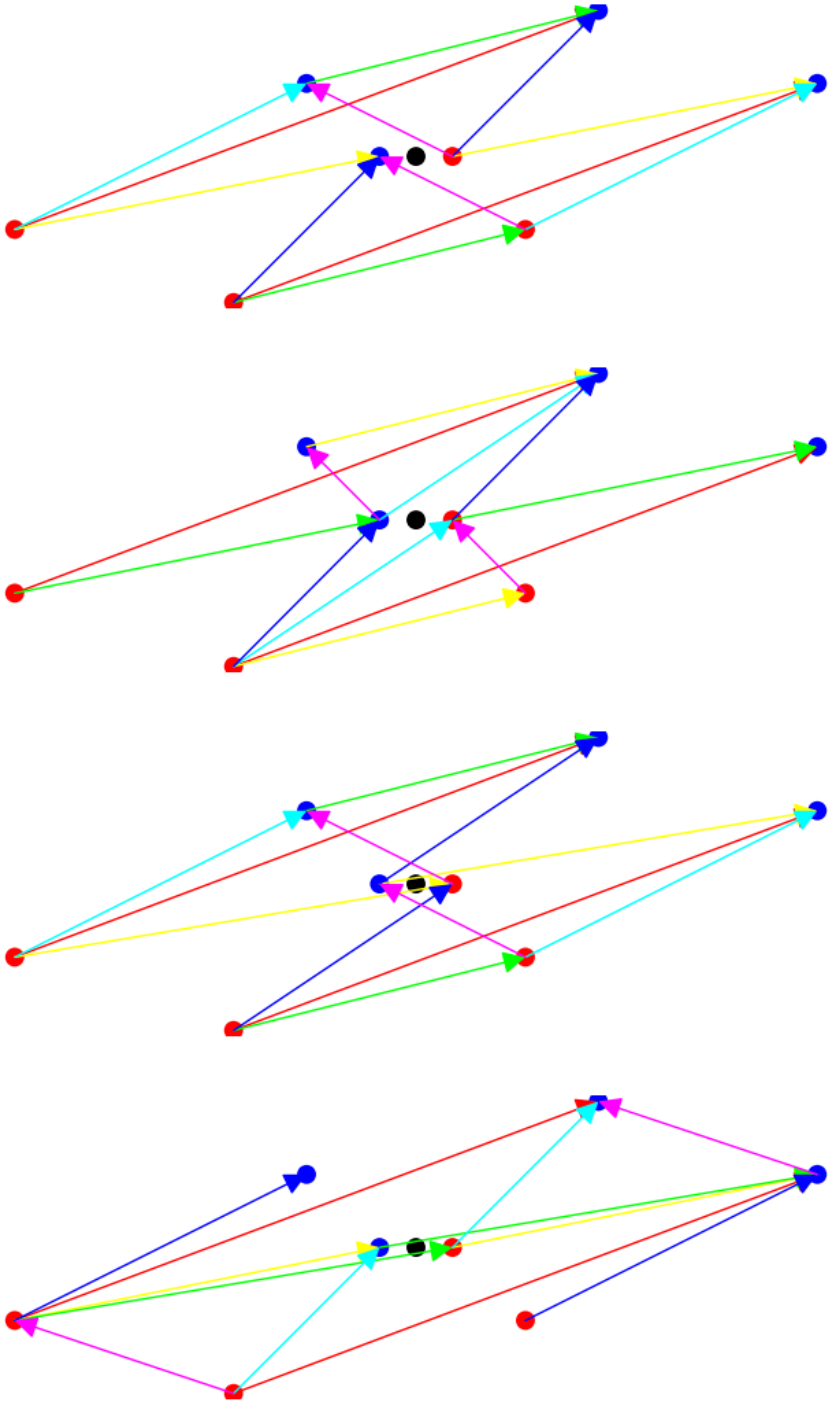


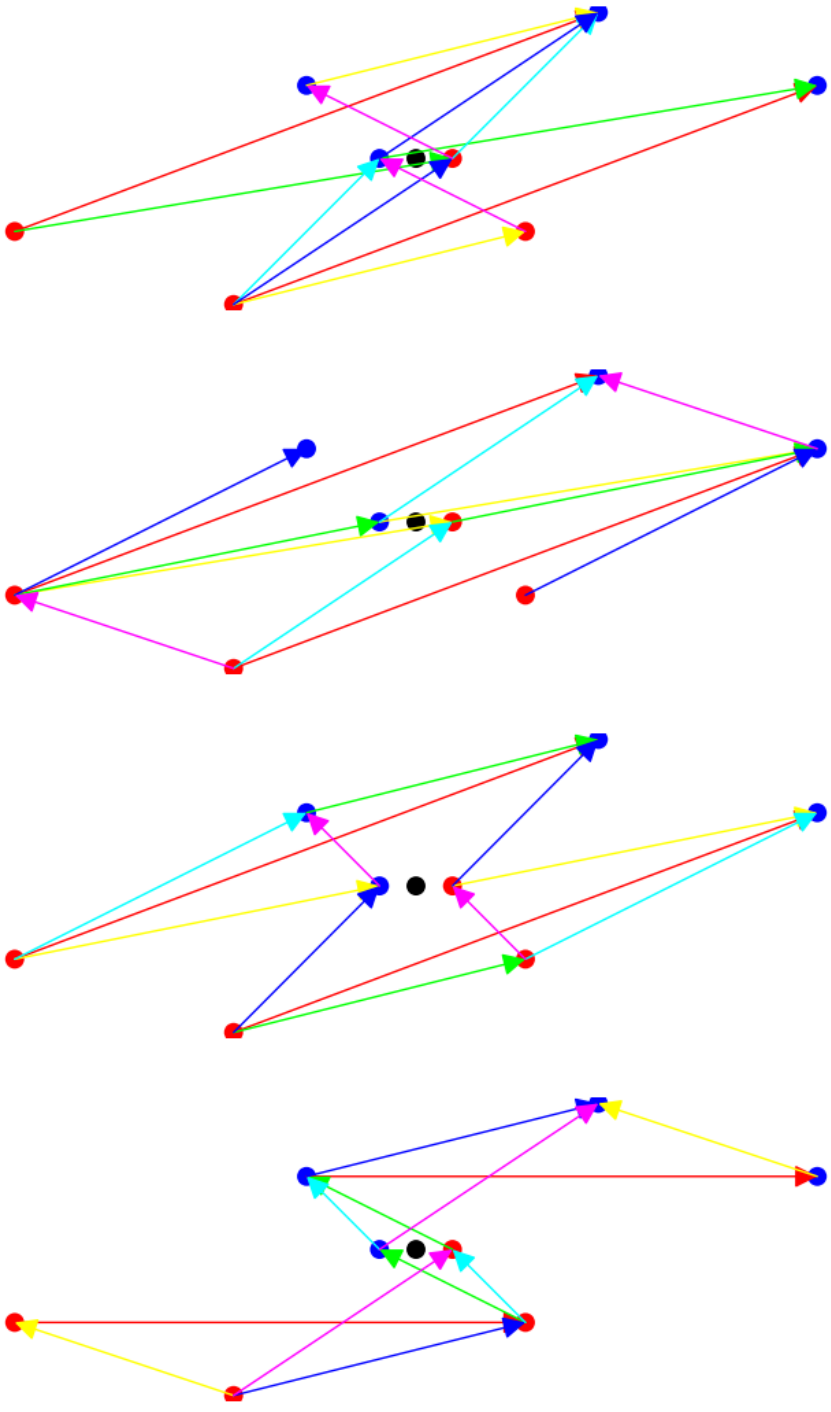


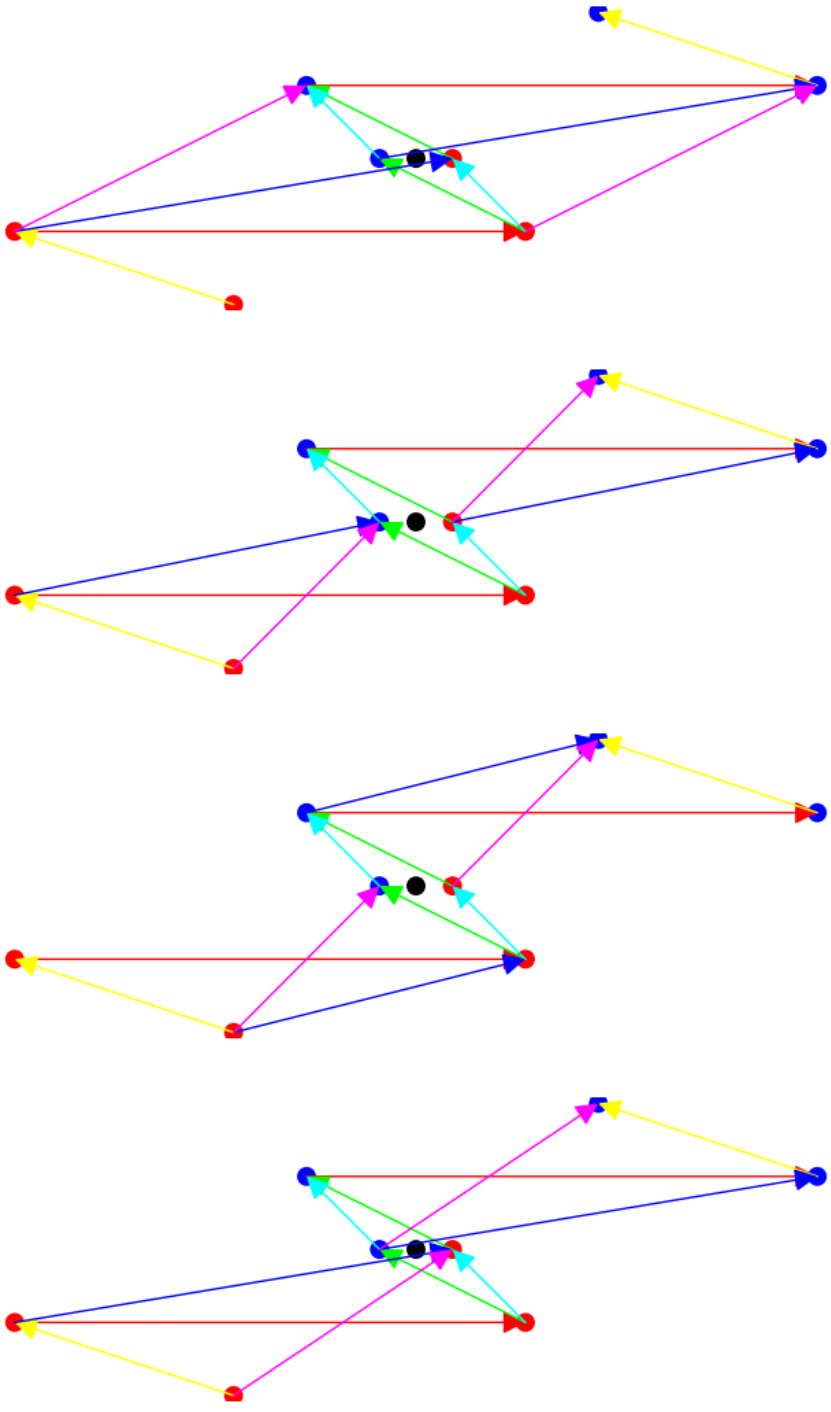


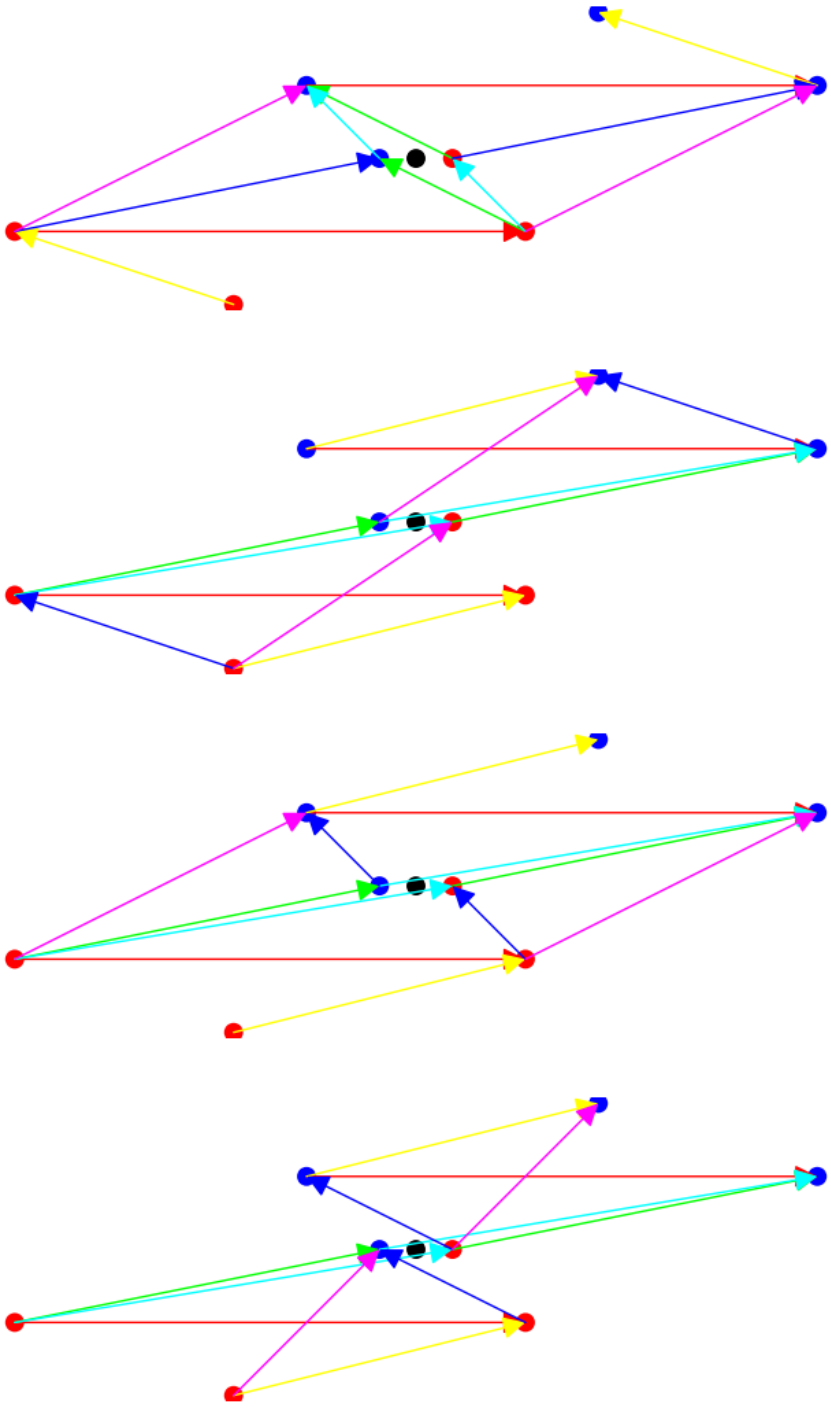


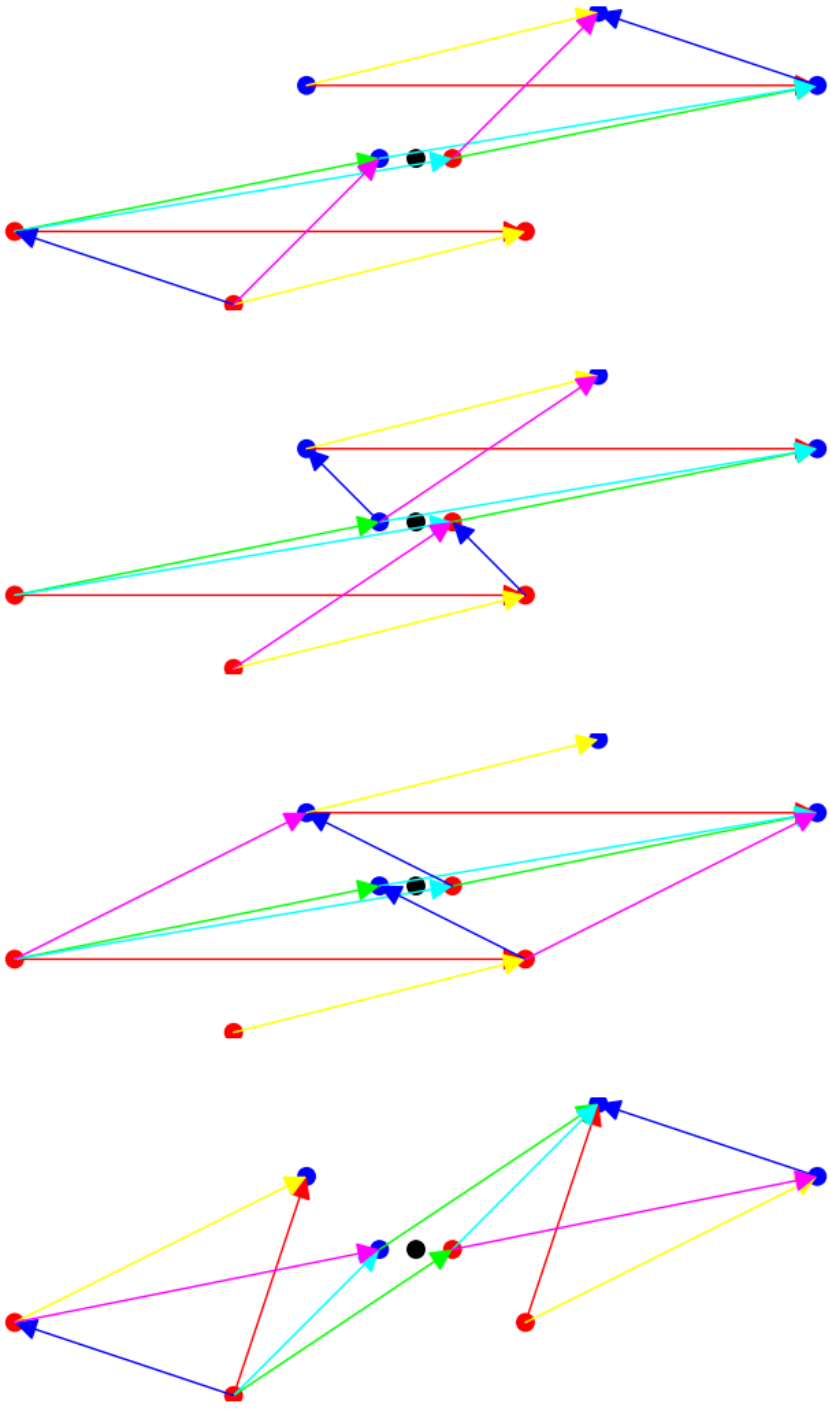


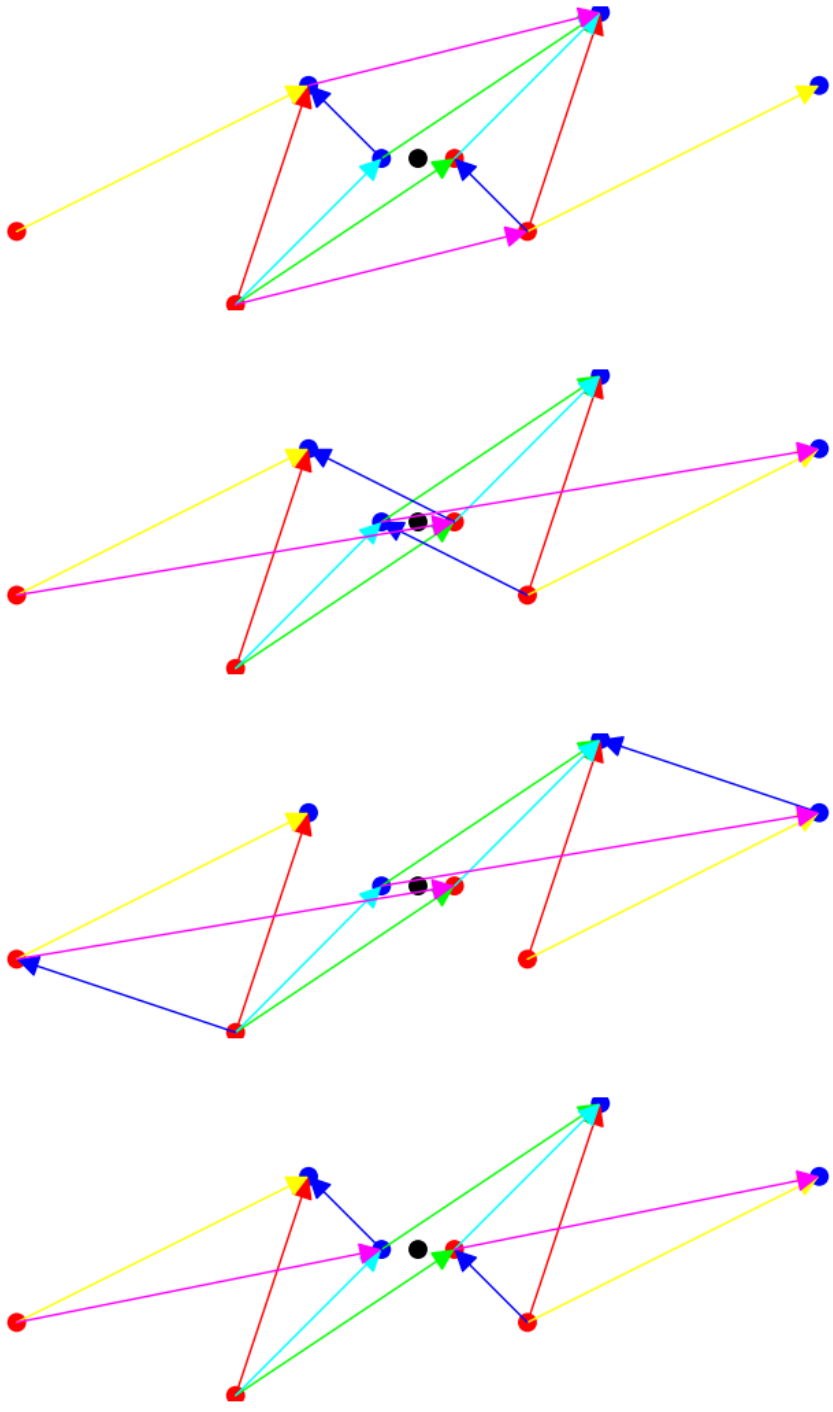


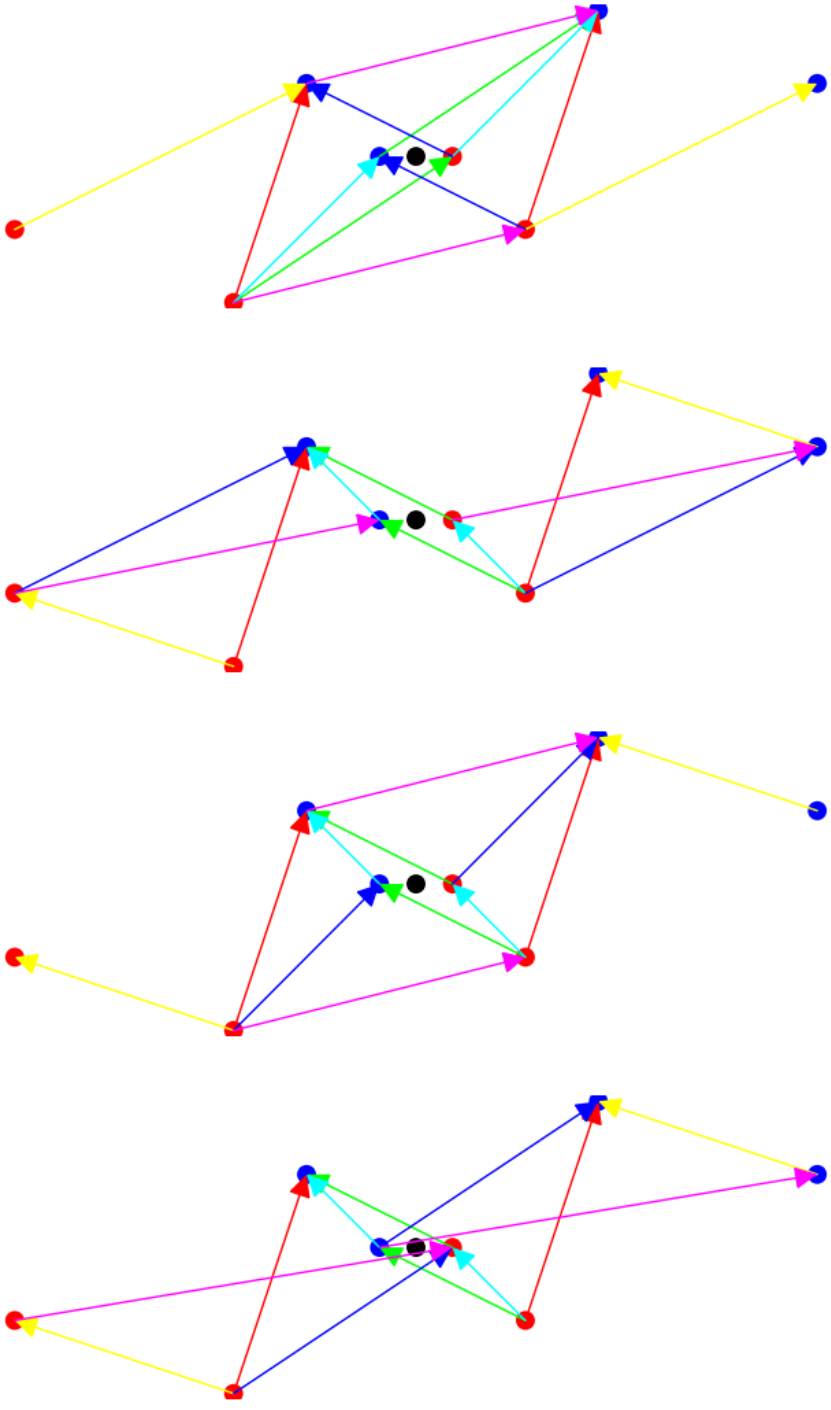


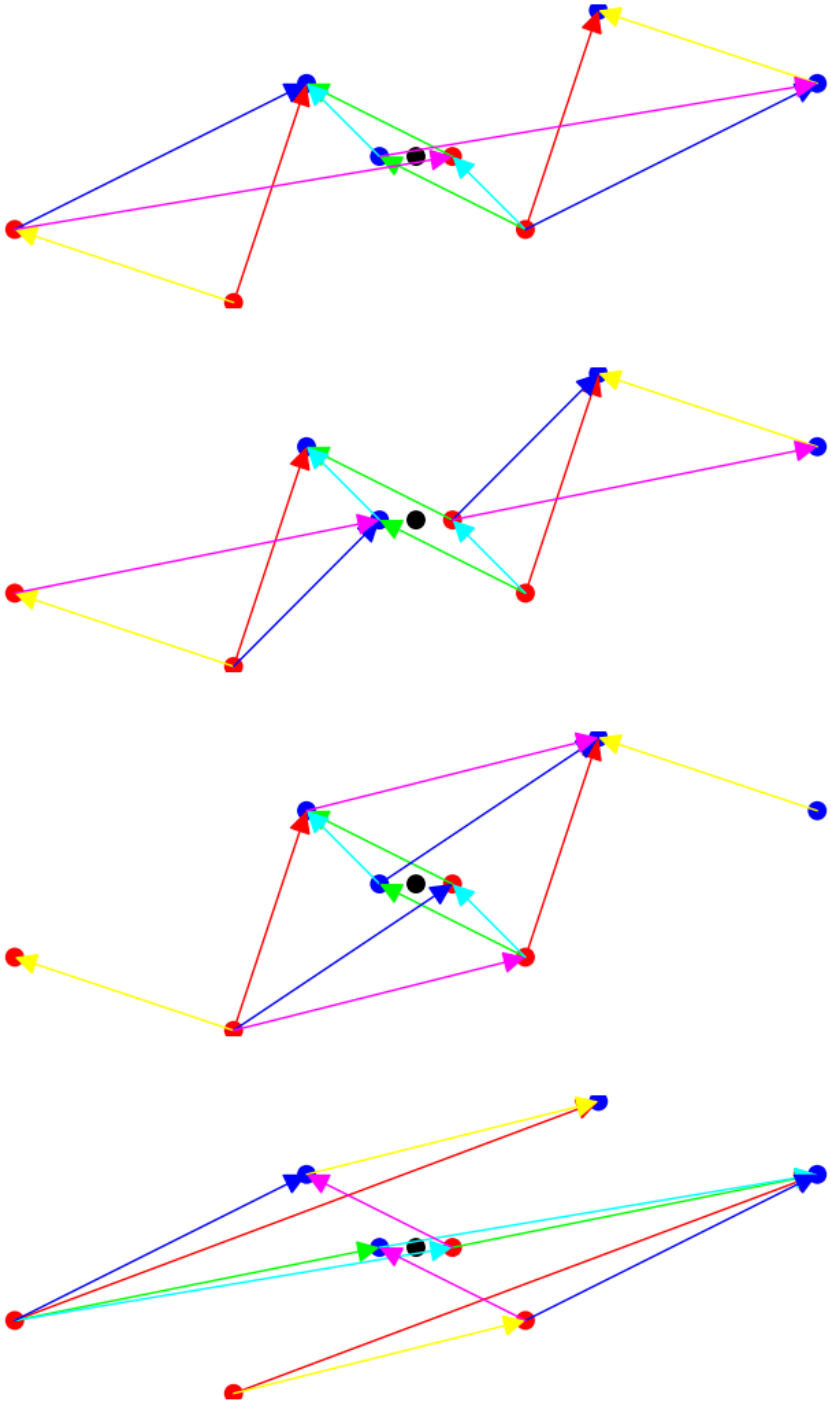


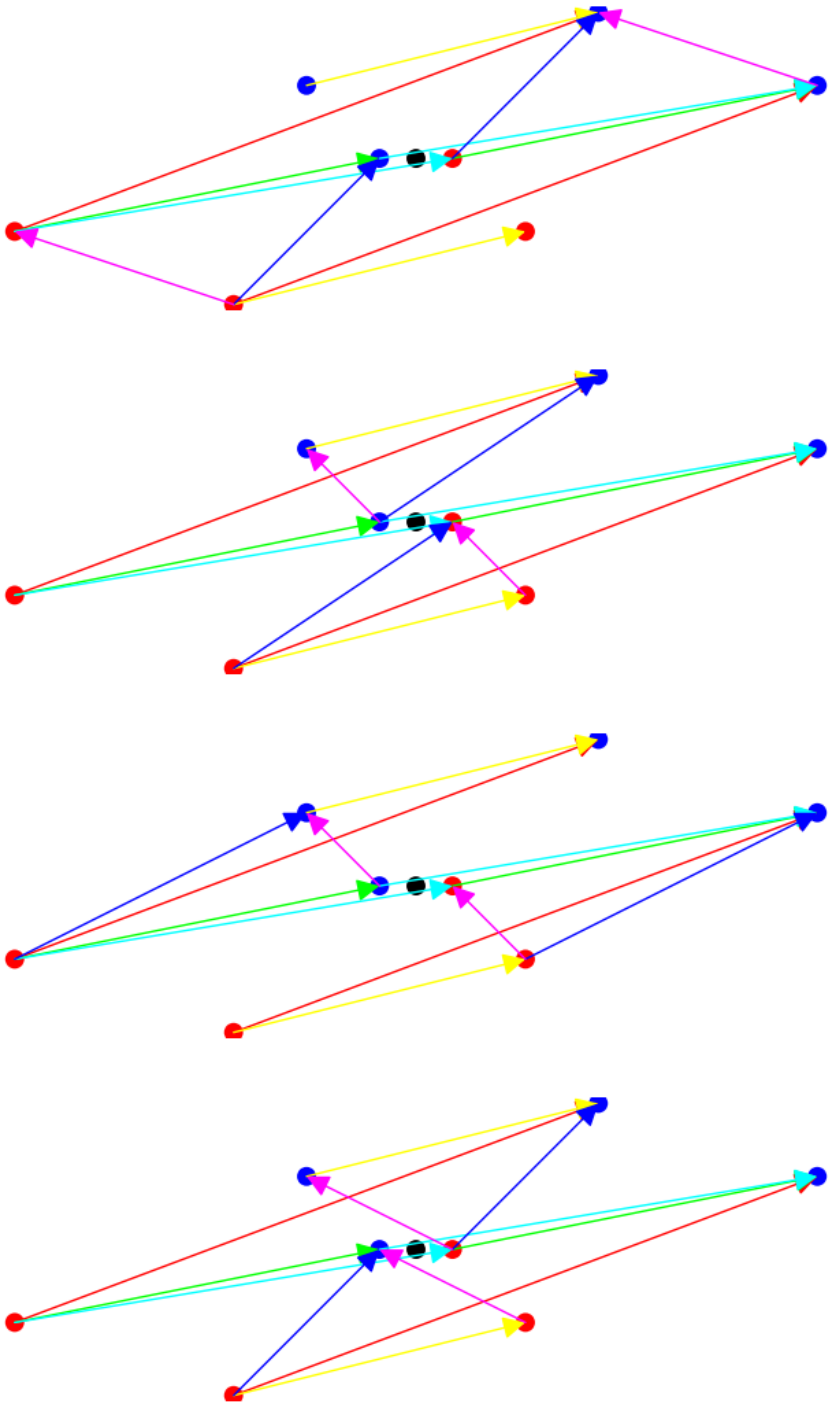


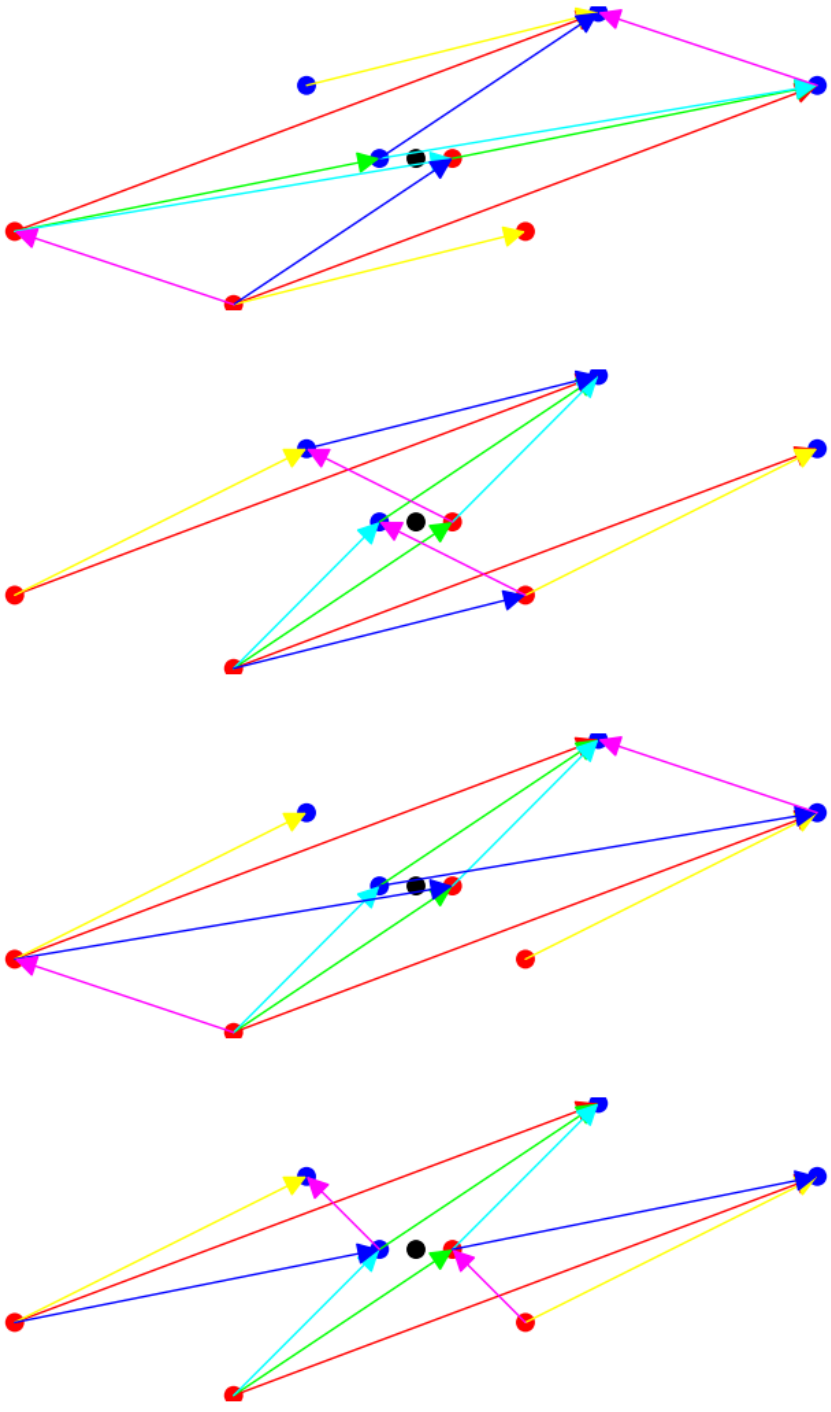


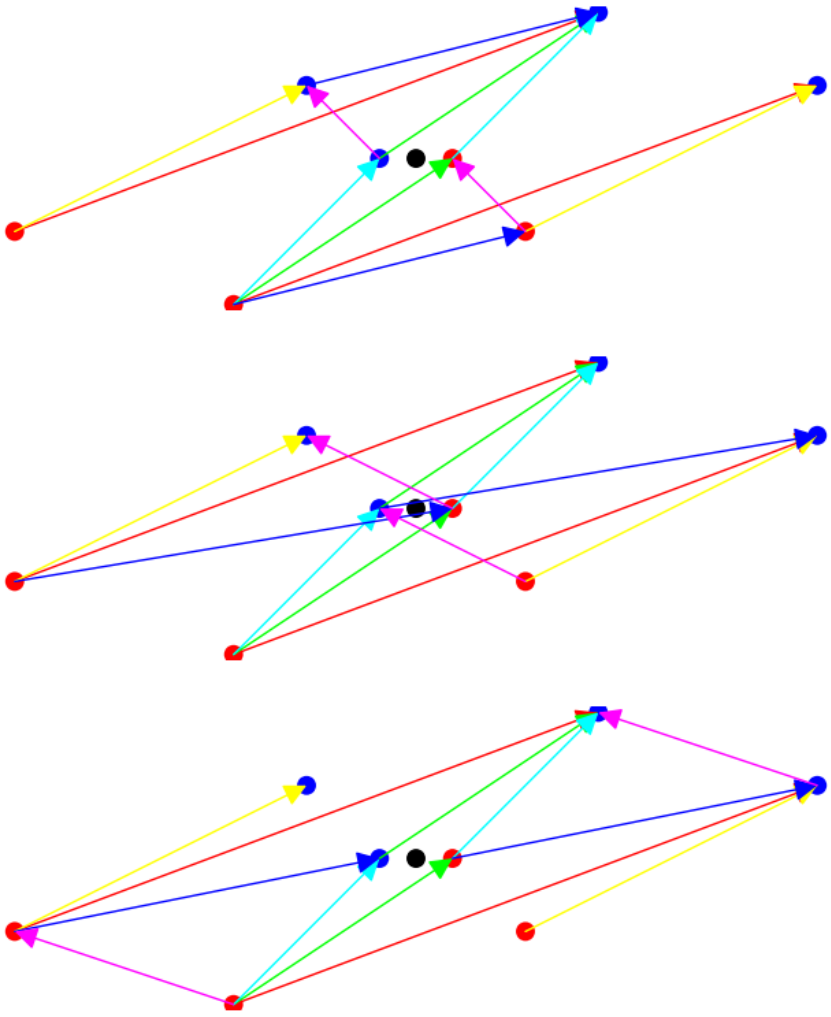












```
states[7]
```

```
(plot_object(Y1) + central_charge_plot).show(axes=False, aspect_ratio=1)
```

1 Observations

1. It is possible to have intersections between edges of the same kind. See state[11], where both B and Y2 appear ([B, X2, X1, Z1, Z3, Y2]).
2. It is possible to have failure of pointedness. See state[1] = [X3, X1, Y3, Y2, Z1, Z2] where Y3, Z2, X3, Y2 create unpointedness at e4.