

Haus des Nikolaus

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1. September 2026

0.1 Haus des Nikolaus

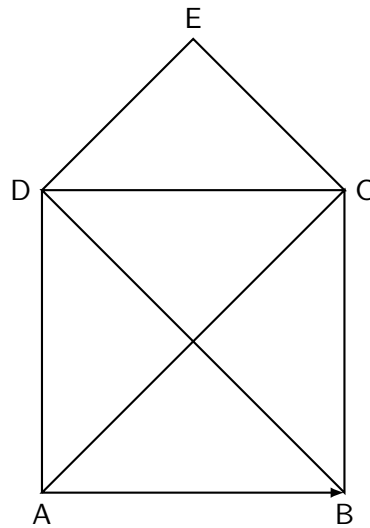
Auf wie viele verschiedene Arten kann das Haus des Nikolaus gezeichnet werden?

Position E: hat einen Eingang und einen Ausgang. Daher nicht als Start Punkt geeignet. Position D und C: Auch hier gibt es einen doppelten Ein- und Ausgang. Also ebenfalls kann hier kein Start Punkt liegen. Position A und B: Hier liegen der Start und Endpunkt.

Im folgenden wird A als Startpunkt betrachtet. Alle gefundenen 44 Kombinationen werden verdoppelt, in dem B zum Startpunkt wird. Der Pfad also in umgedrehter Folge durchlaufen wird.

Möglichkeiten der Wege von einer Ecke zu den nächsten Ecken.

A: B C D
B: A C D
C: A B D E
D: A B C E
E: D C



0.2 Zug A B C

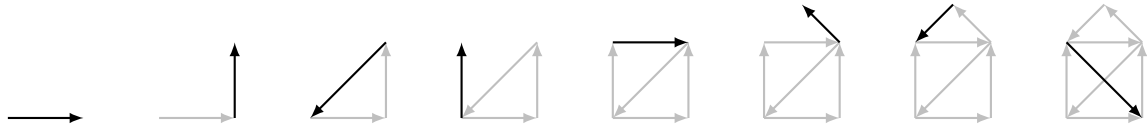


Abbildung 1: A B C A D C E D B

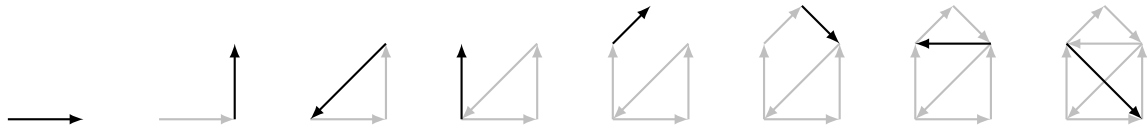


Abbildung 2: A B C A D E C D B

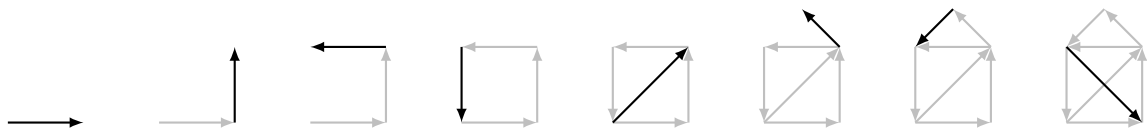


Abbildung 3: A B C D A C E D B

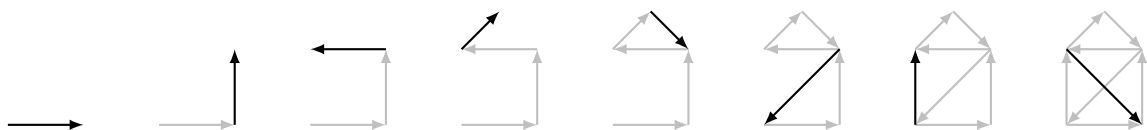


Abbildung 4: A B C D E C A D B

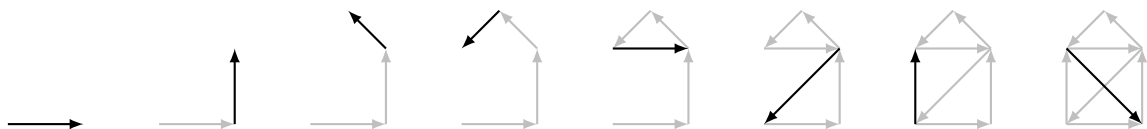


Abbildung 5: A B C E D C A D B

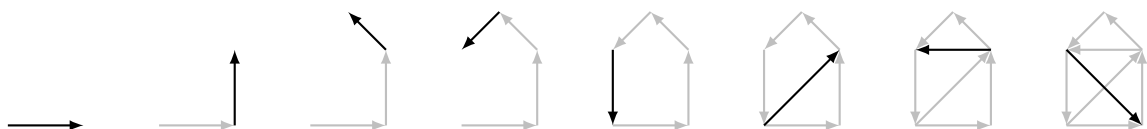


Abbildung 6: A B C E D A C D B

0.3 Zug A B D

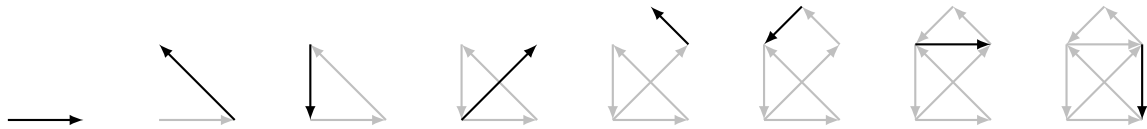


Abbildung 7: A B D A C E D C B

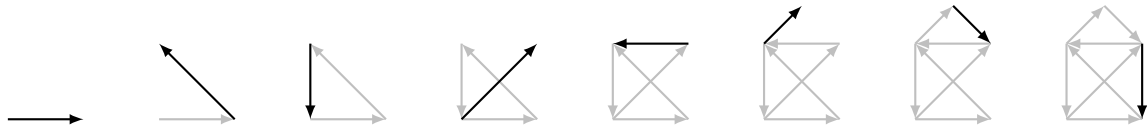


Abbildung 8: A B D A C D E C B

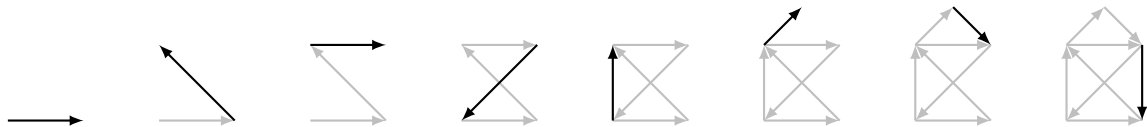


Abbildung 9: A B D C A D E C B

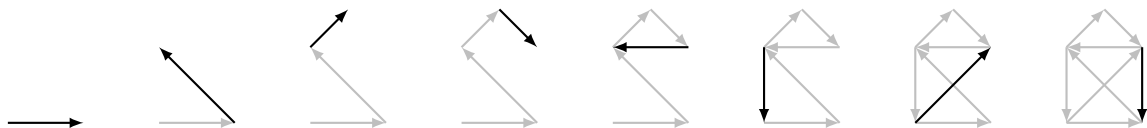


Abbildung 10: A B D E C D A C B

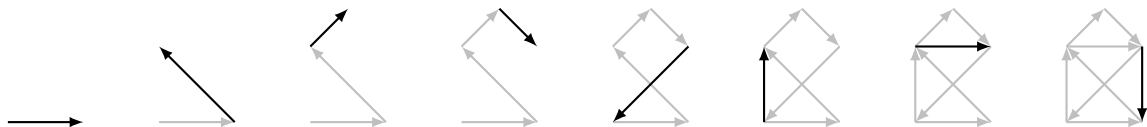


Abbildung 11: A B D E C A D C B

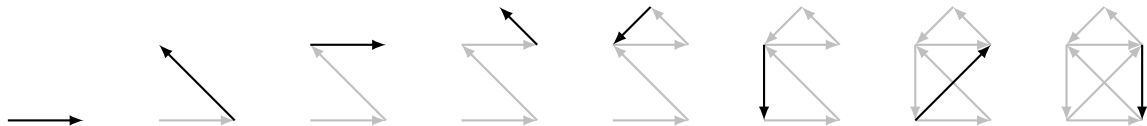


Abbildung 12: A B D C E D A C B

0.4 Zug A C B

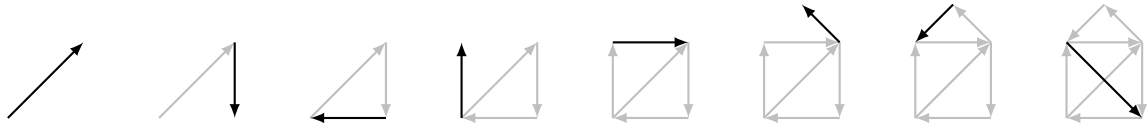


Abbildung 13: A C B A D C E D B

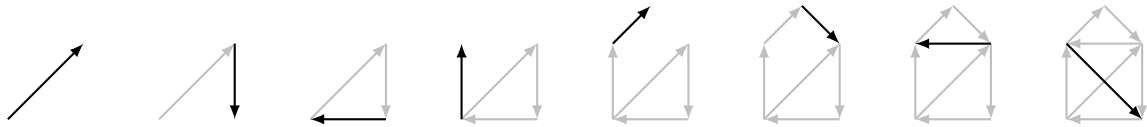


Abbildung 14: A C B A D E C D B

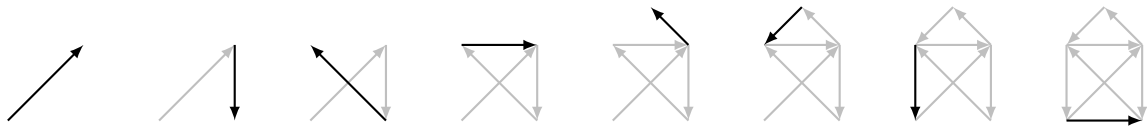


Abbildung 15: A C B D C E D A B

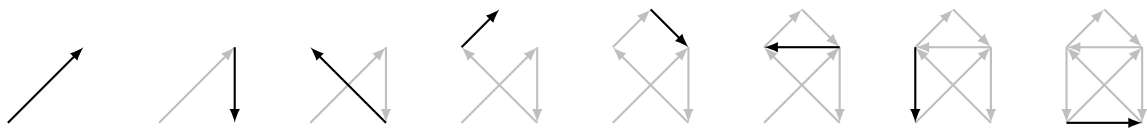


Abbildung 16: A C B D E C D A B

0.5 Zug A C D

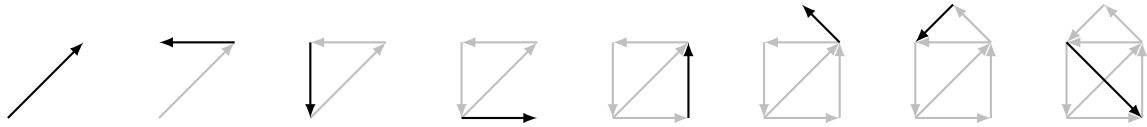


Abbildung 17: A C D A B C E D B

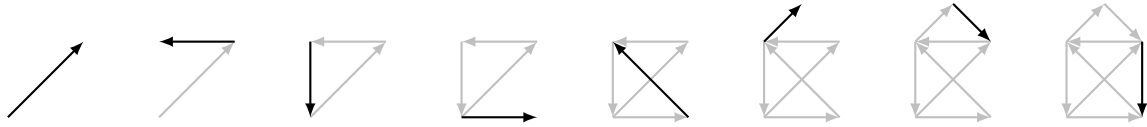


Abbildung 18: A C D A B D E C B

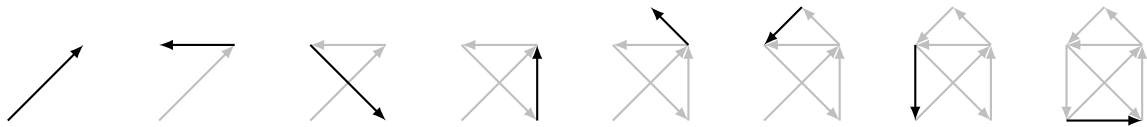


Abbildung 19: A C D B C E D A B

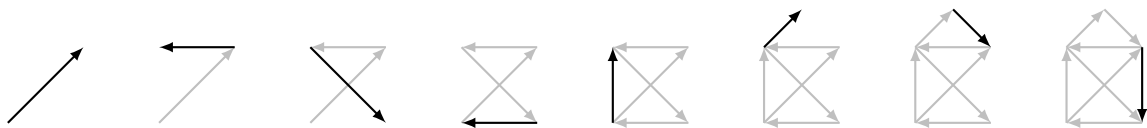


Abbildung 20: A C D B A D E C B

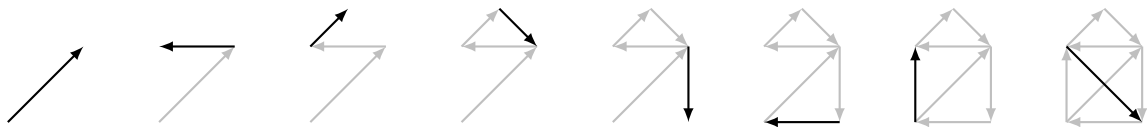


Abbildung 21: A C D E C B A D B

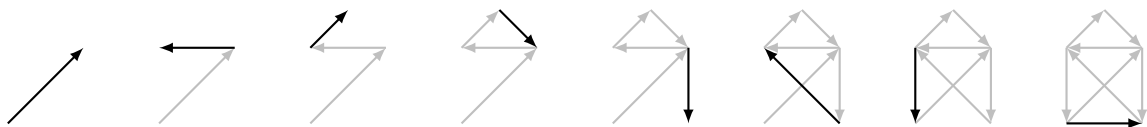


Abbildung 22: A C D E C B D A B

0.6 Zug A C E

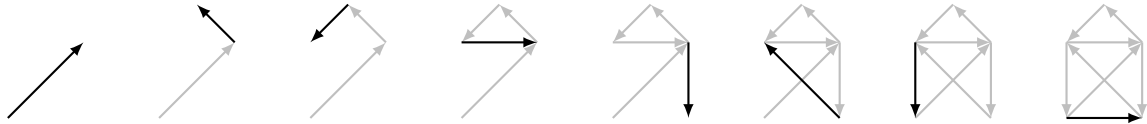


Abbildung 23: A C E D C B D A B

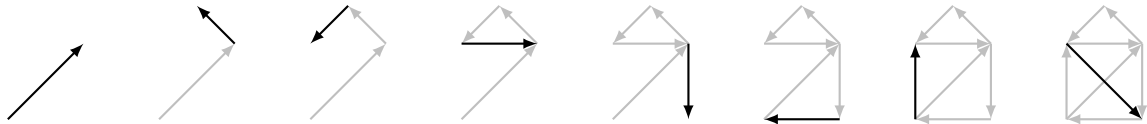


Abbildung 24: A C E D C B A D B

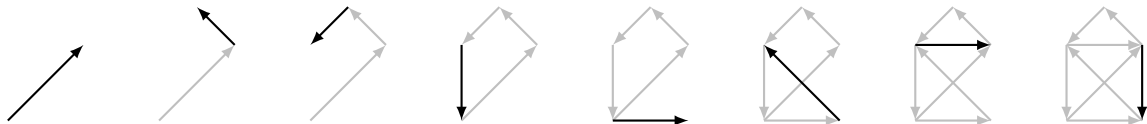


Abbildung 25: A C E D A B D C B

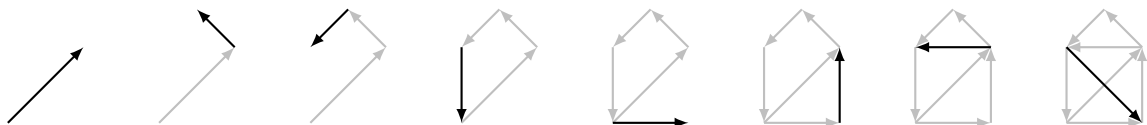


Abbildung 26: A C E D A B C D B

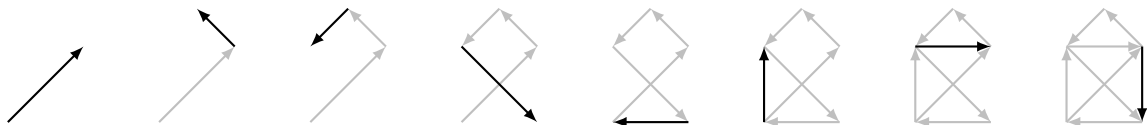


Abbildung 27: A C E D B A D C B

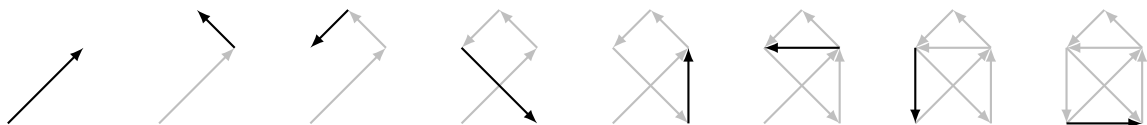


Abbildung 28: A C E D B C D A B

0.7 Zug A D B

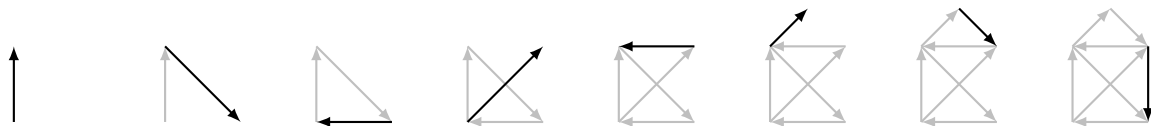


Abbildung 29: A D B A C D E C B

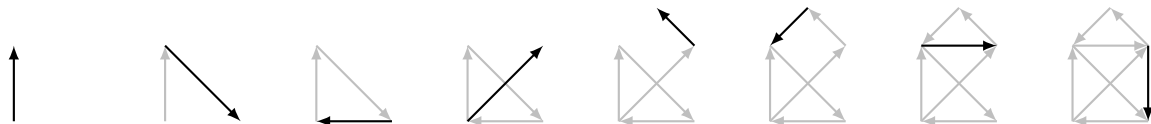


Abbildung 30: A D B A C E D C B

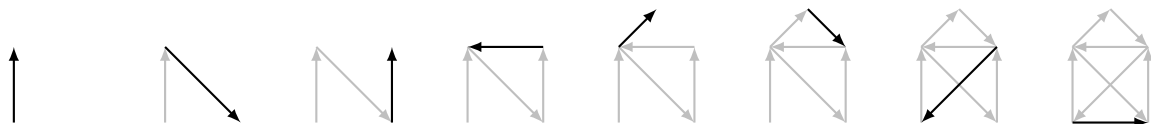


Abbildung 31: A D B C D E C A B

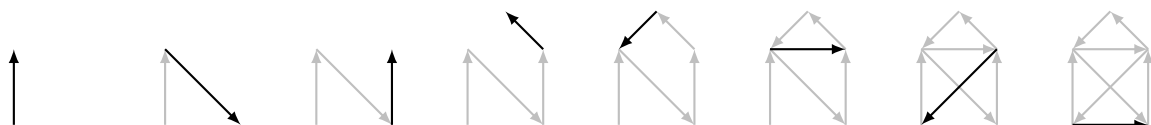


Abbildung 32: A D B C E D C A B

0.8 Zug A D C

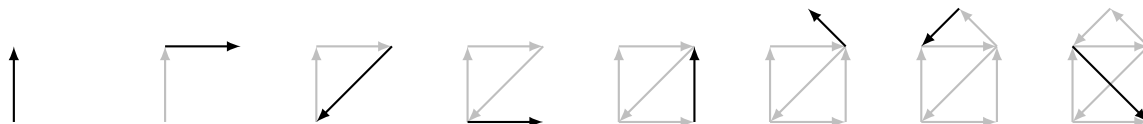


Abbildung 33: A D C A B C E D B

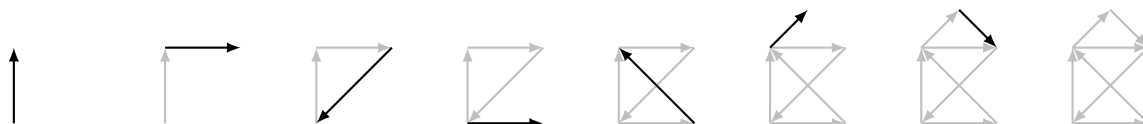


Abbildung 34: A D C A B D E C B



Abbildung 35: A D C B A C E D B

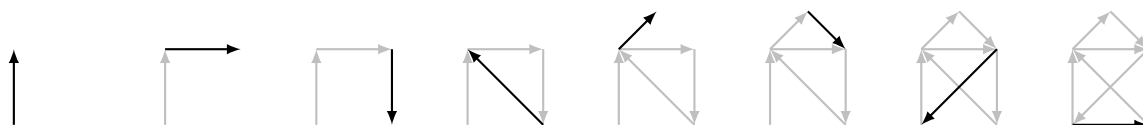


Abbildung 36: A D C B D E C A B

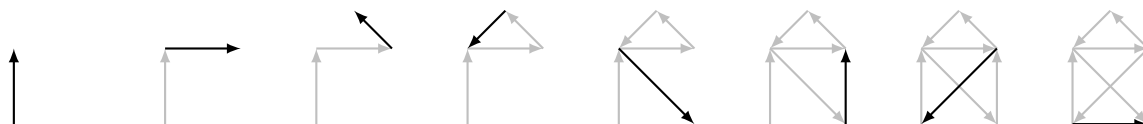


Abbildung 37: A D C E D B C A B

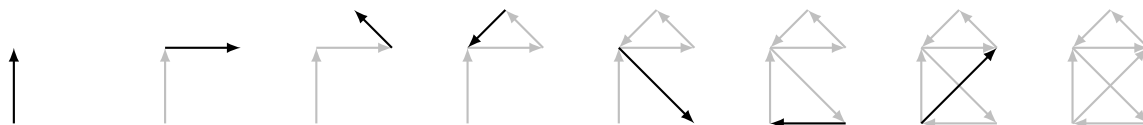


Abbildung 38: A D C E D B A C B

0.9 Zug A D E

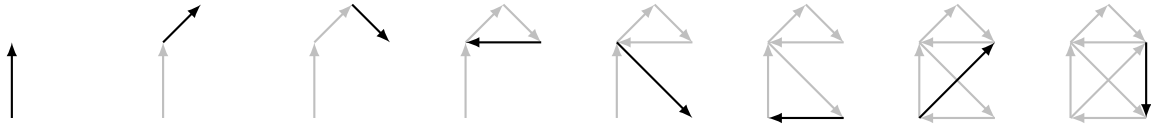


Abbildung 39: A D E C D B A C B

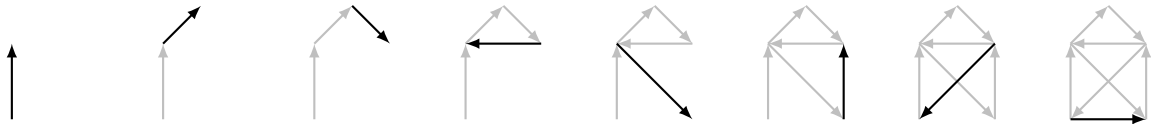


Abbildung 40: A D E C D B C A B

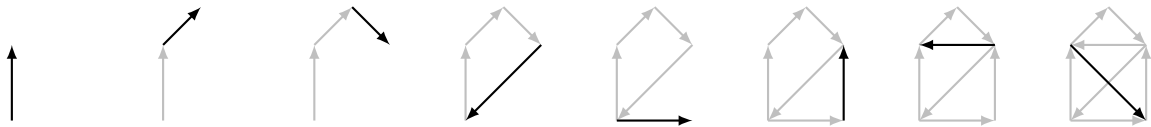


Abbildung 41: A D E C A B C D B

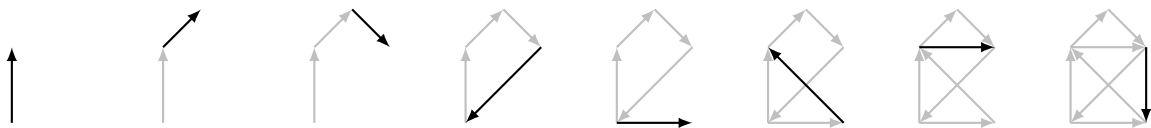


Abbildung 42: A D E C A B D C B

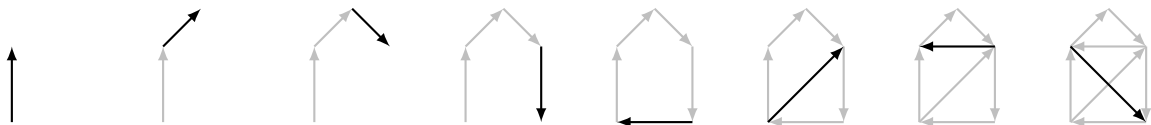


Abbildung 43: A D E C B A C D B

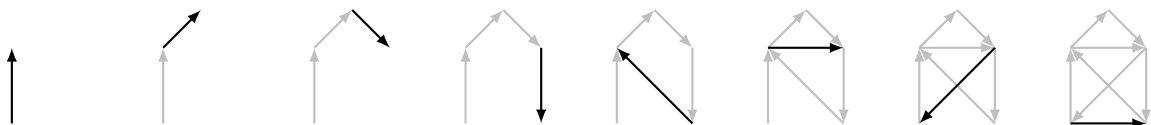


Abbildung 44: A D E C B D C A B