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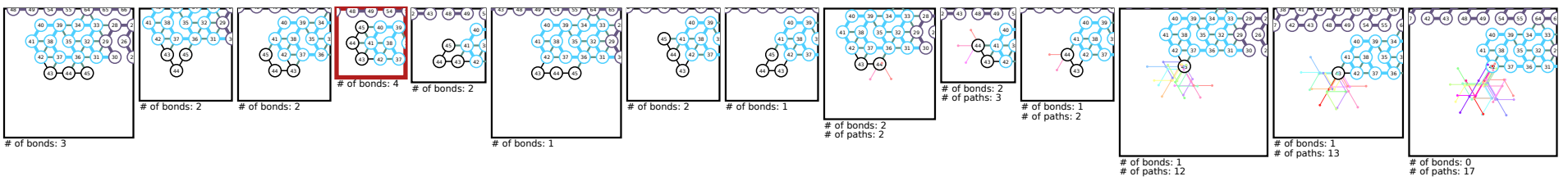

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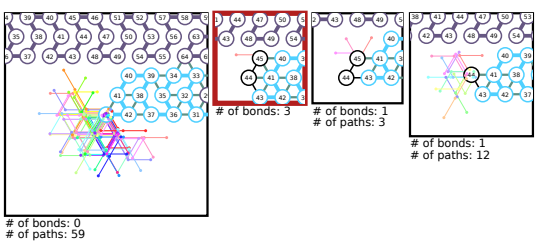

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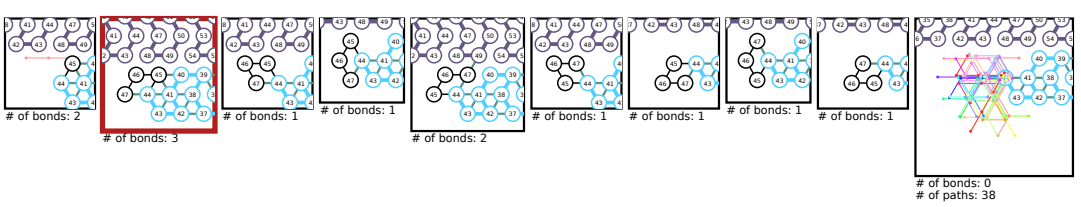

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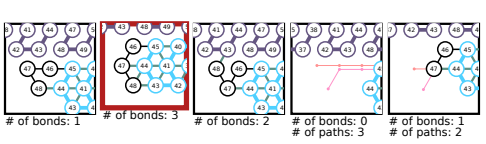

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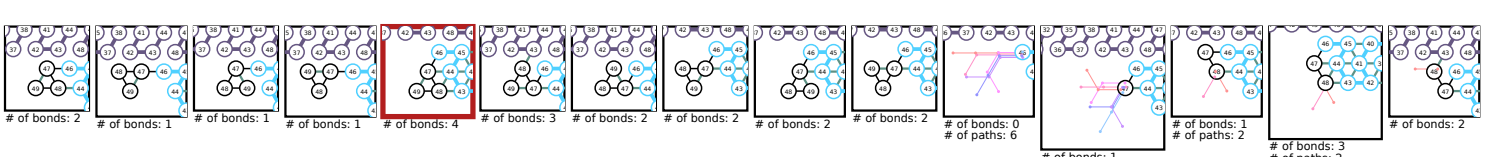

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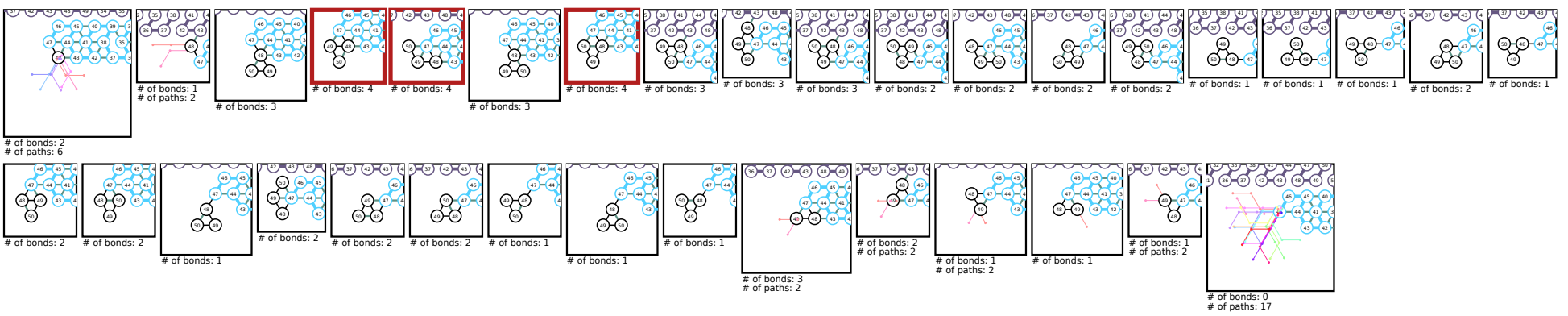

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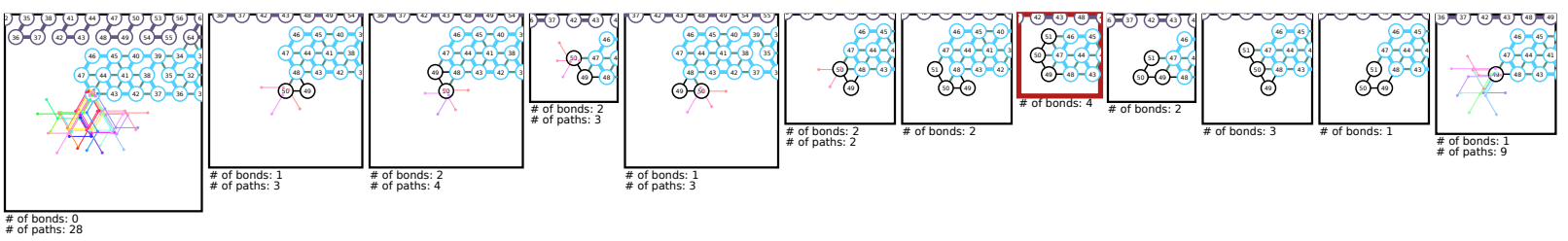

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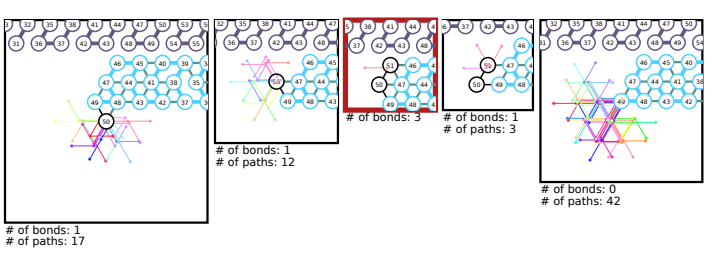

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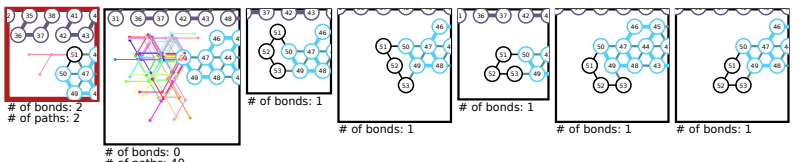


# of bonds: 2
# of paths: 2

# of bonds: 0
# of paths: 40

# of bonds: 1

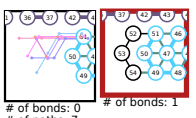
# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 1

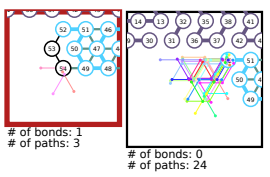
beadtype: 52



# of bonds: 0
# of paths: 7

# of bonds: 1

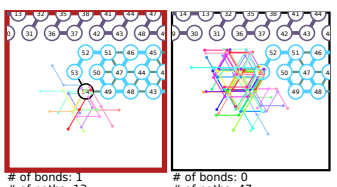
beadtype: 53



# of bonds: 1
# of paths: 3

# of bonds: 0
# of paths: 24

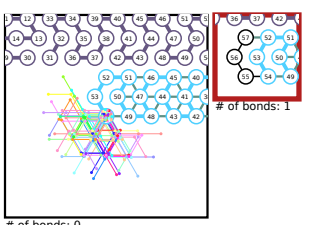
beadtype: 54



# of bonds: 1
# of paths: 13

# of bonds: 0
# of paths: 47

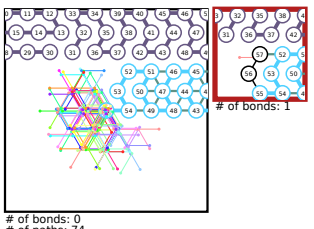
beadtype: 55



# of bonds: 0
# of paths: 56

# of bonds: 1

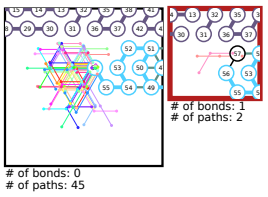
beadtype: 56



# of bonds: 0
# of paths: 74

# of bonds: 1

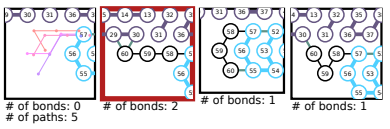
beadtype: 57



# of bonds: 0
# of paths: 45

# of bonds: 1
# of paths: 2

beadtype: 58



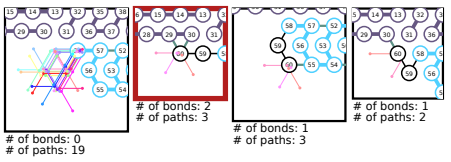
# of bonds: 0
# of paths: 5

# of bonds: 2

# of bonds: 1

# of bonds: 1

beadtype: 59



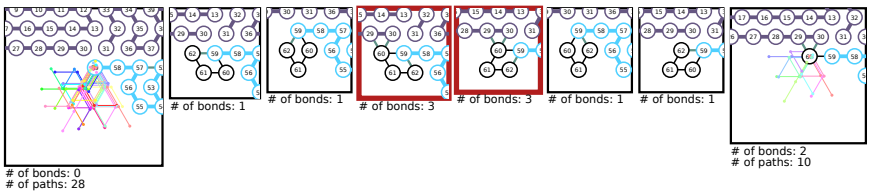
# of bonds: 0
# of paths: 19

# of bonds: 2
# of paths: 3

# of bonds: 1
# of paths: 3

# of bonds: 1
# of paths: 2

beadtype: 60



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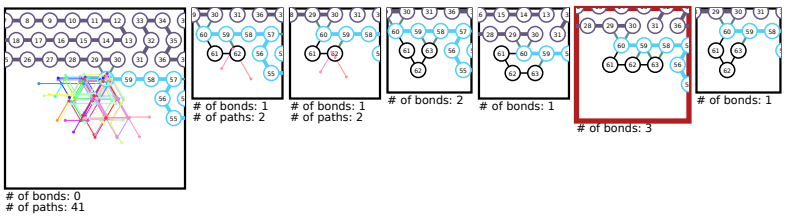

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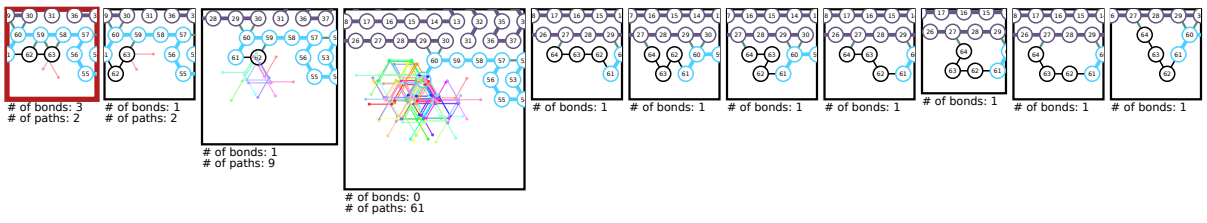

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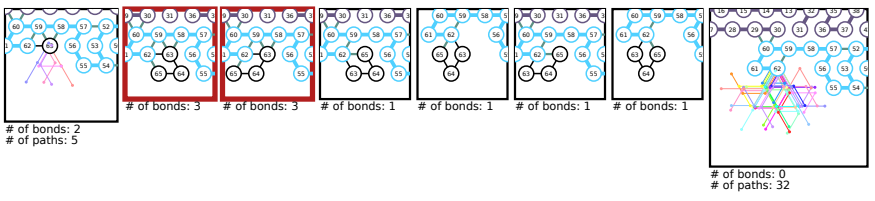

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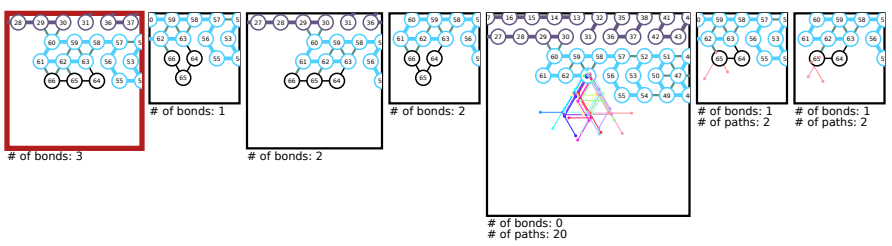

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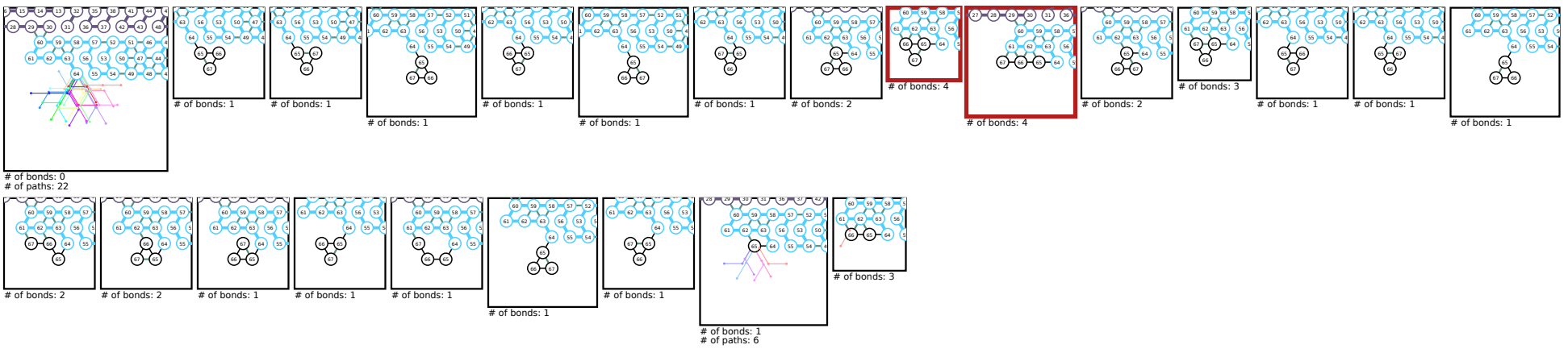

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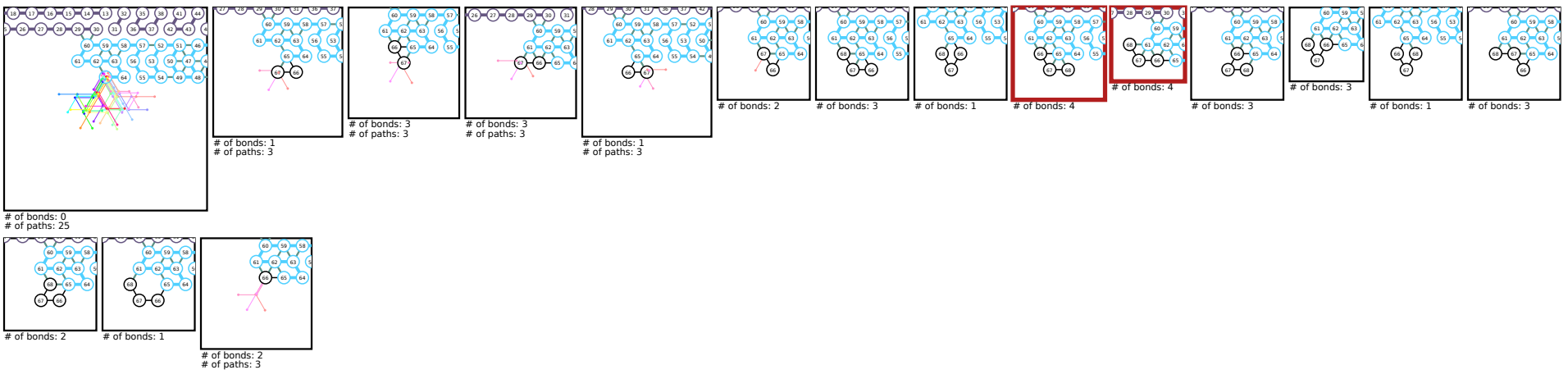

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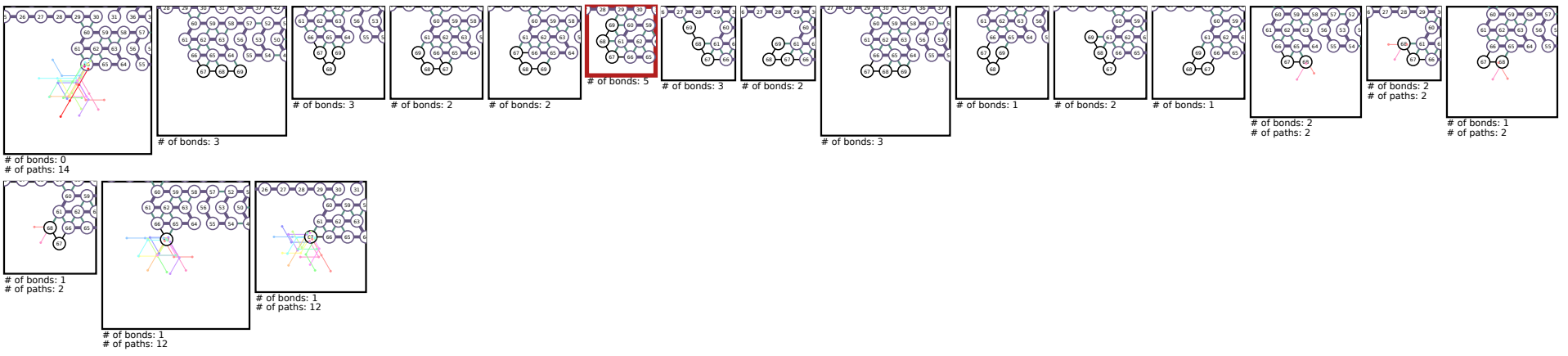

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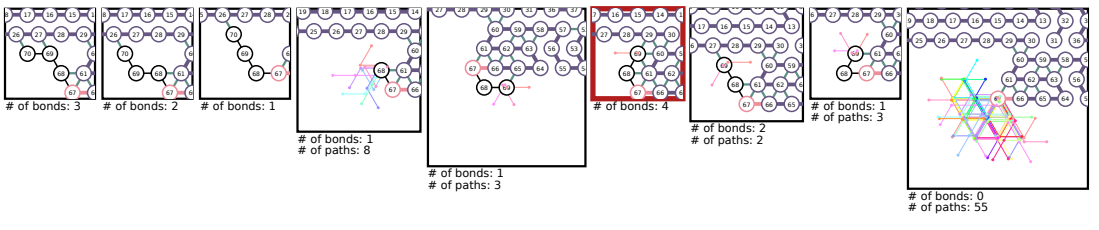

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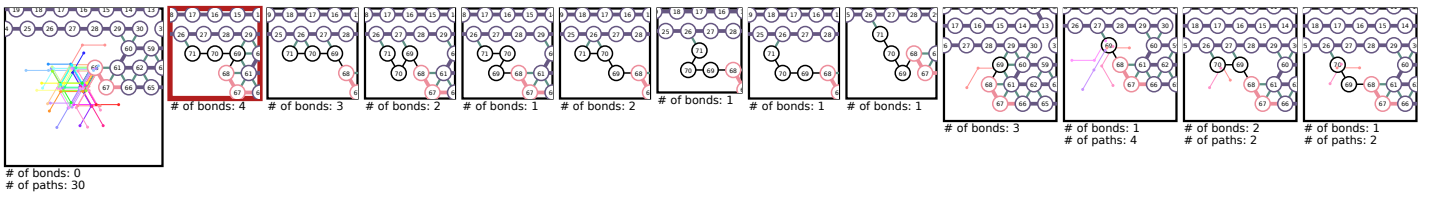

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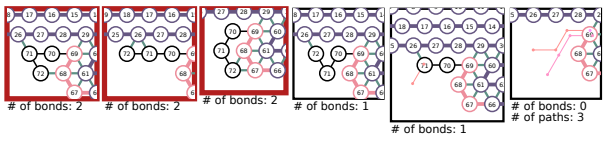

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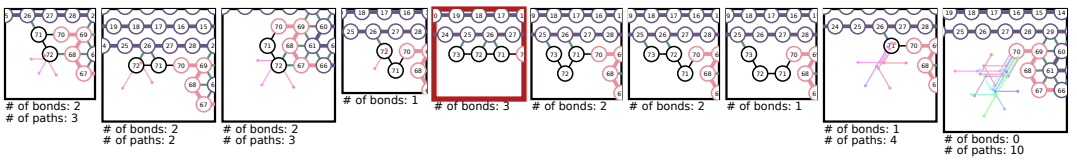

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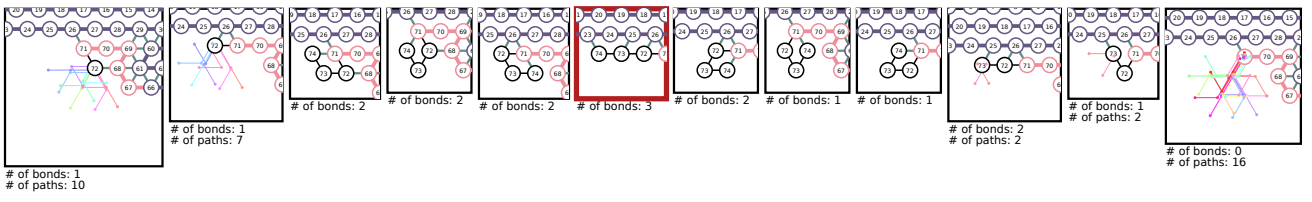

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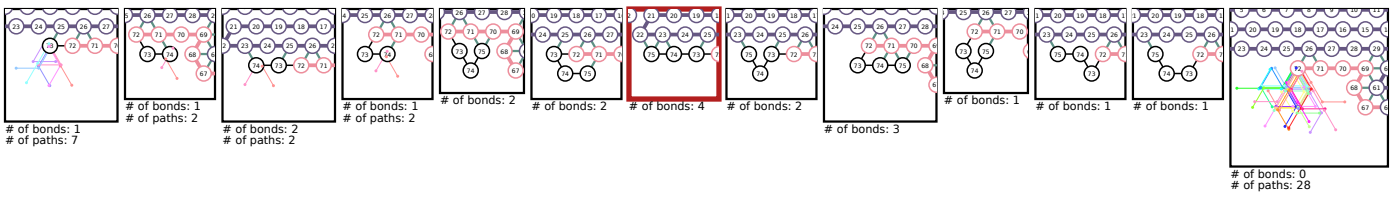

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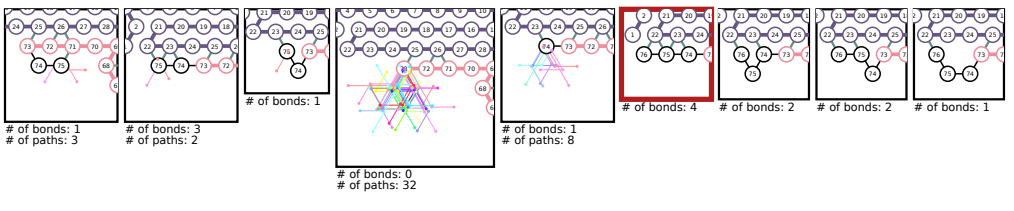

Output conformation: f