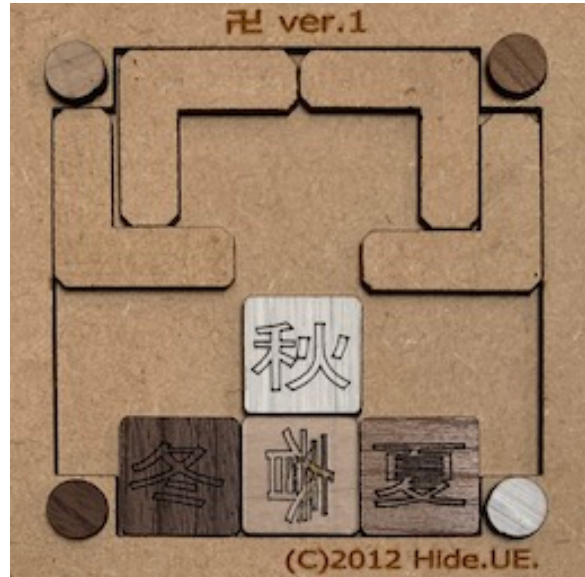
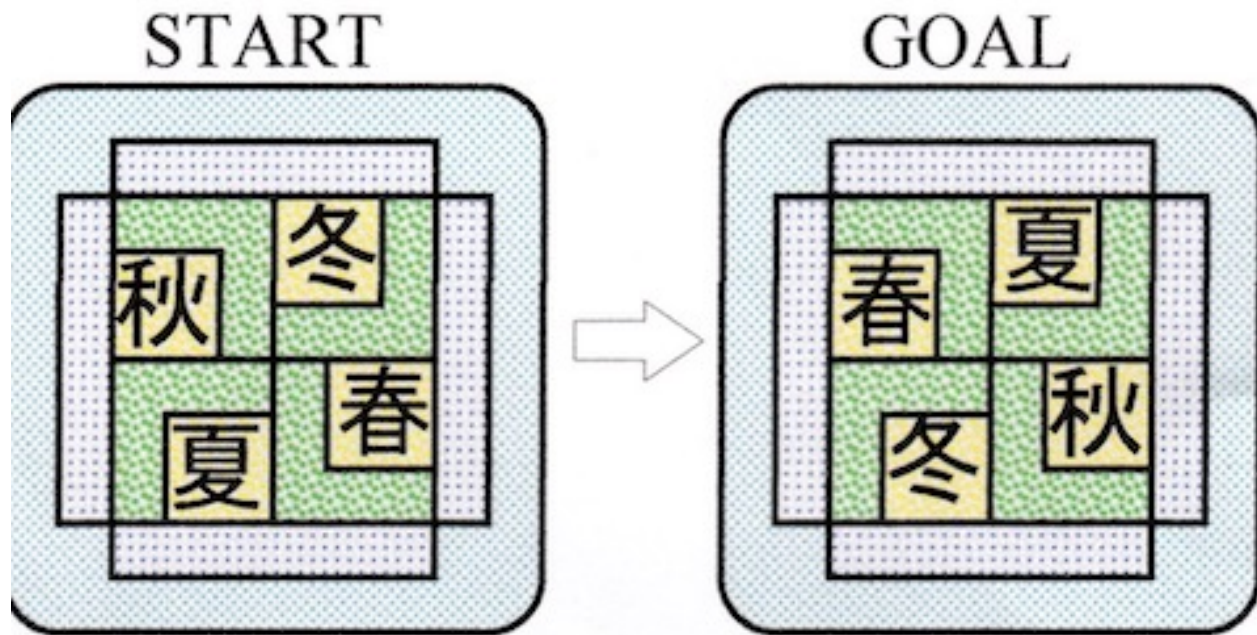


Naoyuki Iwase 2012



Designed Naoyuki Iwase circa 2012
(wood tray with 8 pieces, 4 inches square by 1/4" thick)

Below is the problem shown on the puzzle directions.



The fit of this puzzle is sufficiently loose that it can be solved by rotating and manipulating pieces in a non-rectilinear fashion, but a solution using rectilinear movement is also possible. The following page presents a 32 rectilinear moves solution.

Naoyuki Iwase 2012 Solution

Here is a 32 rectilinear moves solution:

#0: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 3 3 3 4 D D 3 C C 4 D D 3 C C 4 4 4 \$ \$	#1: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 3 3 3 4 D D 3 C C 4 D D 3 C C 4 4 4 \$ \$	#2: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 3 3 3 4 D D 3 4 D D 3 C C 4 4 4 \$ \$	#3: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 3 3 3 4 D D 3 4 D D 3 C C 4 4 4 \$ \$	#4: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 3 3 3 4 D D 3 4 D D 3 C C 4 4 4 \$ \$
#5: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 3 3 3 4 D D 3 C C 4 4 4 \$ \$	#6: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 1 1 1 4 D D 3 3 3 4 D D 3 C C 4 4 4 \$ \$	#7: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 2 2 2 1 1 1 4 D D 3 3 3 4 D D 3 C C 4 4 4 \$ \$	#8: \$ A A 1 B B 2 \$ A A 1 B B 2 1 1 1 4 D D 3 3 3 4 D D 3 C C 4 4 4 \$ \$	#9: \$ 1 A A 2 \$ 1 A A 2 1 1 1 B B 2 1 B B 2 2 2 3 3 3 4 D D 3 C C 4 4 4 \$ \$
#10: \$ 1 A A 2 \$ 1 A A 2 1 1 1 B B 2 3 3 3 B B 2 2 2 3 4 D D 3 4 D D C C 4 4 4 \$ \$	#11: \$ 1 A A 2 \$ 1 A A 2 1 1 1 B B 2 3 3 3 B B 2 2 2 3 C C 4 D D 3 C C 4 D D 4 4 4 \$ \$	#12: \$ 1 A A 2 \$ 1 A A 2 1 1 1 B B 2 3 3 3 B B 2 2 2 3 C C 4 D D 3 C C 4 D D 4 4 4 \$ \$	#13: \$ 1 A A 2 \$ 1 A A 2 1 1 1 2 2 2 3 3 3 2 2 2 3 C C 4 D D 3 C C 4 D D B B 4 4 4 \$ \$	#14: \$ 1 C C A A 2 \$ 1 C C A A 2 1 1 1 2 2 2 3 3 3 2 2 2 3 4 D D 3 4 D D B B 4 4 4 \$ \$
#15: \$ 1 C C A A 2 \$ 1 C C A A 2 1 1 1 2 2 2 3 3 3 4 D D 3 B B 4 4 4 \$ \$	#16: \$ 1 C C A A 2 \$ 1 C C A A 2 1 1 1 2 2 2 3 3 3 4 D D 3 B B 4 4 4 \$ \$	#17: \$ 1 C C A A 2 \$ 1 C C A A 2 1 1 1 2 2 2 3 3 3 4 D D 3 B B 4 4 4 \$ \$	#18: \$ 1 C C A A 2 \$ 1 C C A A 2 1 1 1 2 2 2 2 2 2 3 3 3 4 D D 3 B B 4 4 4 \$ \$	#19: \$ 1 C C A A 2 \$ 1 C C A A 2 1 1 1 2 2 2 2 2 2 3 3 3 4 D D 3 B B 4 4 4 \$ \$
#20: \$ 1 C C 2 A A \$ 1 C C 2 A A 1 1 1 2 2 2 3 3 3 4 D D 3 B B 4 4 4 \$ \$	#21: \$ 1 C C 2 A A \$ 1 C C 2 A A 1 1 1 2 2 2 D D D D 3 3 3 4 3 B B 4 4 4 \$ \$	#22: \$ 1 C C 2 A A \$ 1 C C 2 A A 1 1 1 2 2 2 D D D D 3 3 3 4 3 B B 4 4 4 \$ \$	#23: \$ 1 C C 2 A A \$ 1 C C 2 A A 1 1 1 2 2 2 D D D D 3 3 3 4 A A 3 B B 4 4 4 \$ \$	#24: \$ 1 C C 2 A A \$ 1 C C 2 A A 1 1 1 2 2 2 D D D D 3 3 3 4 A A 3 B B 4 4 4 \$ \$
#25: \$ 1 C C 2 A A \$ 1 C C 2 A A 1 1 1 2 2 2 D D D D 3 3 3 4 A A 3 B B 4 4 4 \$ \$	#26: \$ 1 C C 2 A A \$ 1 C C 2 A A D D 1 1 1 2 2 2 D D 4 A A 3 3 3 4 A A 3 B B 4 4 4 \$ \$	#27: \$ 1 C C 2 A A \$ 1 C C 2 A A D D 1 1 2 2 2 D D 1 1 2 2 2 1 1 1 2 2 2 3 3 3 4 A A 3 B B 4 4 4 \$ \$	#28: \$ 1 C C 2 A A \$ 1 C C 2 A A D D 1 1 2 2 2 D D 1 1 2 2 2 3 3 3 4 A A 3 4 A A 3 B B 4 4 4 \$ \$	#29: \$ 1 C C 2 A A \$ 1 C C 2 A A D D 1 1 2 2 2 D D 1 1 2 2 2 1 1 1 2 2 2 3 3 3 4 A A 3 4 A A 3 B B 4 4 4 \$ \$
#30: \$ D D 1 C C 2 \$ D D 1 C C 2 1 1 1 2 2 2 3 3 3 4 A A 3 4 A A 3 B B 4 4 4 \$ \$	#31: \$ D D 1 C C 2 \$ D D 1 C C 2 1 1 1 2 2 2 3 3 3 4 A A 3 4 A A 3 B B 4 4 4 \$ \$	#32: \$ D D 1 C C 2 \$ D D 1 C C 2 1 1 1 2 2 2 3 3 3 4 A A 3 B B 4 4 4 \$ \$		