JAPANESE INEQUALITY LOGIC

FUTOSHIKI GREATER-THAN PUZZLES

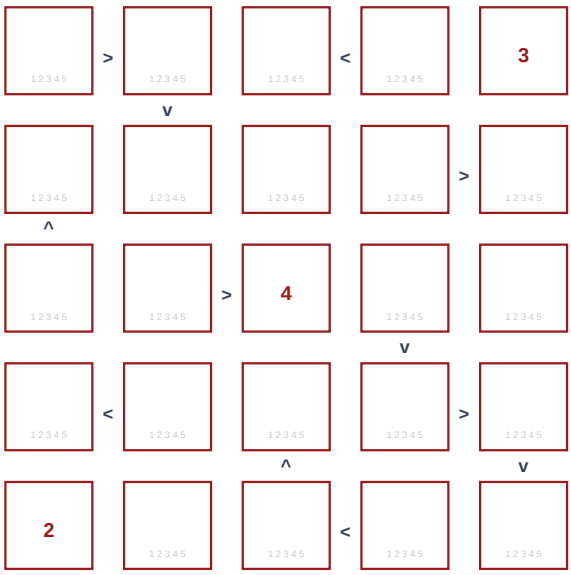
Two 5x5 Japanese Logic Grids * Digits 1-5 * Inequality Relations (<, >, ^, v)

SOLVER TIME & SCORE

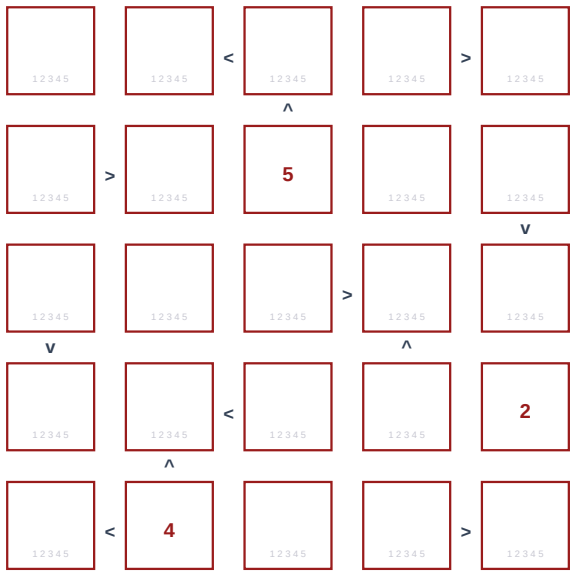
Start: ___:___ Stop: ___:___

Difficulty: [ ] Easy [ ] Med [ ] Hard

GRID 1: LEVEL I (5x5 WARMUP)



GRID 2: LEVEL II (5x5 MASTER)



FUTOSHIKI MATHEMATICAL DEDUCTION PRINCIPLES & CHAIN LOGIC

LATIN SQUARE INTEGRITY

Digits 1 to 5 in each row

Digits 1 to 5 in each column

Zero duplicates allowed

All inequalities strictly hold

Check intercepts frequently

INEQUALITY CHAIN THEOREMS

A > B > C means A >= 3

X < Y < Z means Z >= 3

If cell > 4, it MUST be 5

If cell < 2, it MUST be 1

Eliminate out-of-range bounds

TOURNAMENT BENCHMARKS

Solver Name: _____

Grid 1 Elapsed: _____ Min

Grid 2 Elapsed: _____ Min

Logic Flaws: [0] Zero Verified

Examiner Seal: * * * * *

FUTOSHIKI CHAIN SCRATCHPAD (BLANK DEDUCTION CELLS):