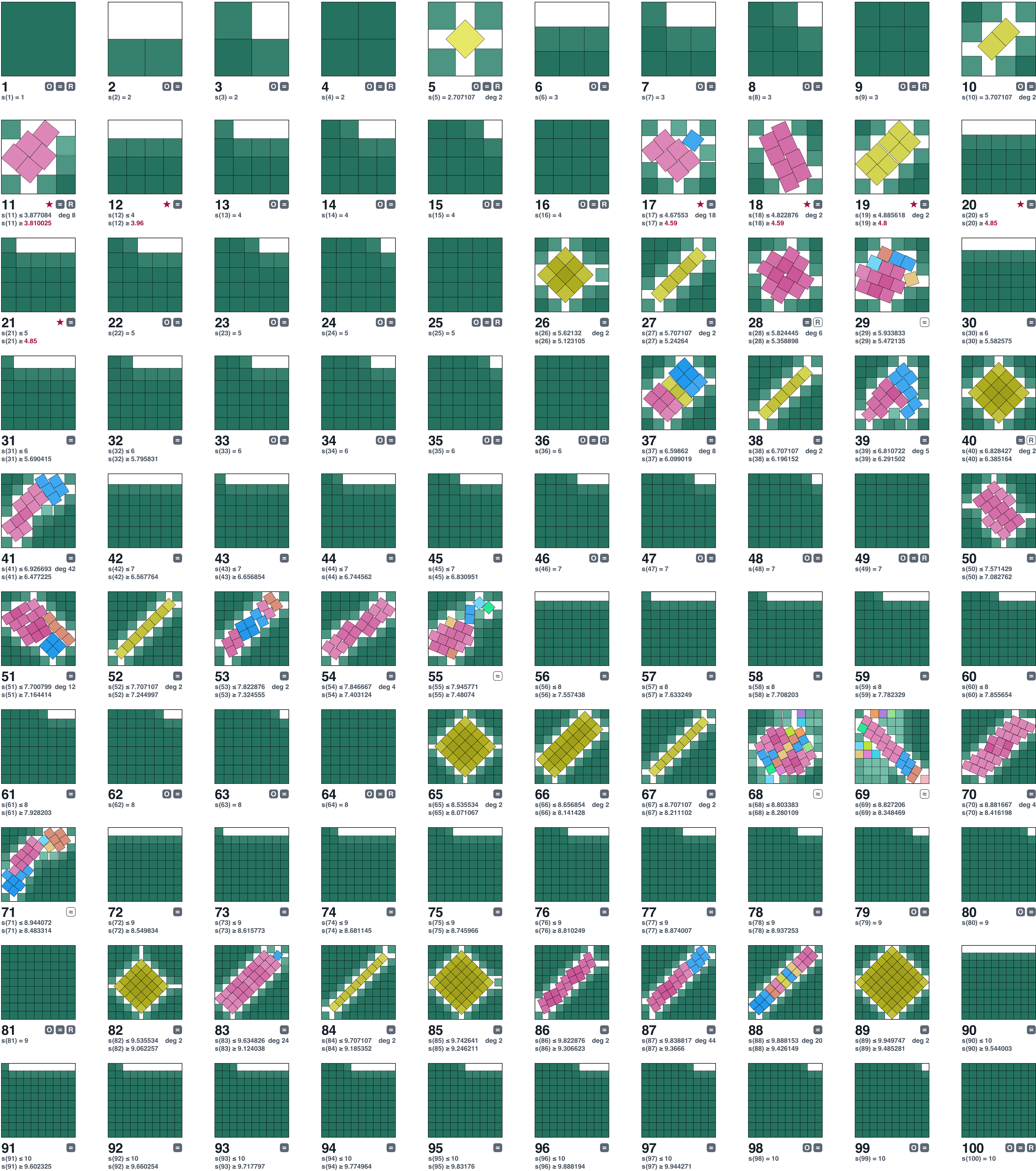


100 BEST KNOWN SQUARE PACKINGS

★ Including new results (September 8, 2026)
github.com/jlevy/squares



⊞ proved optimal (35) ⊞ exact value known (95) ≈ only known numerically (5) Ⓡ rigid (established here) (12) Ⓡ annotated rigid by the catalogue (2) ★ lower bound first proved here (7)
[4][3][2][1][0] colors indicate distinct tilt angles [4][3][2][1][0] shade indicates number of full-side contacts

s(n) is the side of the smallest square holding n unit squares; deg is the algebraic degree of that side length

Diagram by Joshua Levy with assistance from Claude and Codex

DRAFT v0.3.0-33cd4760