

## McKenzie's Favorite Problems

1. *Is congruence  $SD(\text{meet})$  a strong Maltsev condition?*
2. *Is there an infinite, simple, semidistributive lattice?*
3. *For  $n$  odd, let  $\mathcal{C}(n)$  be the clone on the 2-element set generated by the  $n$ -ary majority operation. Are these clones the same? (Answer = Y&S.)*
4. *Is it decidable if a finite idempotent algebra has a finitely related clone?*
5. *Is congruence 4-permutability join prime?*
6. *If an algebra belongs to a congruence distributive variety, then must its lattice of compatible preorders be distributive?*