Facultad de Ciencias UNAM
Lógica Computacional
Pruebas para práctica 3: Parte 1

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1. `fnn :: LP -> LP`

   - Main> fnn (Imp (And (Var 1) (Imp (Var 2) (Var 3))) (Imp (Or (Var 3) (Var 1)) (Var 2)))

     Or (Or (Neg (Var 1)) (And (Var 2) (Neg (Var 3)))) (Or (And (Neg (Var 3)) (Neg (Var 1))) (Var 2))
   - Main> fnn (Imp (Imp (Imp (Var 10) (Var 11)) (Imp (Var 12) (Var 13))) (Imp (Imp (Var 14) (Var 15)) (Imp (Var 16) (Var 17))))

     Or (And (Or (Neg (Var 10)) (Var 11)) (And (Var 12) (Neg (Var 13)))) (Or (And (Var 14) (Neg (Var 15))) (Or (Neg (Var 16)) (Var 17)))

2. `fnc :: LP -> LP`

   - Main > fnc (Or (And (Or (And (Var 1) (Var 2)) (Var 3)) (Or (And (Var 4) (Var 5)) (Var 6))) (Var 7))

     And (And (Or (Or (Var 1) (Var 3)) (Var 7)) (Or (Or (Var 2) (Var 3)) (Var 7))) (And (Or (Or (Var 4) (Var 6)) (Var 7)) (Or (Or (Var 5) (Var 6)) (Var 7)))
   - Main > fnc (And (And (Neg (Var 5)) (Var 23)) (Or (Neg (Var 1)) (And (Or (Var 3) (Var 6)) (Var 8))))

     And (And (Neg (Var 5)) (Var 23)) (And (Or (Neg (Var 1)) (Or (Var 3) (Var 6))) (Or (Neg (Var 1)) (Var 8)))

3. `fnd :: LP -> LP`

- Main > fnd (And (Or (And (Or (Var 1) (Var 2)) (Var 3)) (And (Or (Var 4) (Var 5)) (Var 6))) (Var 7))

  Or (Or (And (And (Var 1) (Var 3)) (Var 7)) (And (And (Var 2) (Var 3)) (Var 7))) (Or (And (And (Var 4) (Var 6)) (Var 7)) (And (And (Var 5) (Var 6)) (Var 7)))

- Main > fnd (Or (Or (Neg (Var 5)) (Var 23)) (And (Neg (Var 1)) (Or (And (Var 3) (Var 6)) (Var 8))))

  Or (Or (Neg (Var 5)) (Var 23)) (Or (And (Neg (Var 1)) (And (Var 3) (Var 6))) (And (Neg (Var 1)) (Var 8)))