(P ∨ (Q ∨ (P → ¬R)))

((P nand P) nand (Q ∨ (P → ¬R)) nand (Q ∨ (P → ¬R)))

((P nand P) nand ((Q nand Q) nand (P → ¬R) nand (P → ¬R)) nand ((Q nand Q) nand (P → ¬R)) nand (P → ¬R)))

((P nand P) nand ((Q nand Q) nand (((P nand P) nand (P nand P)) nand ((R nand R) nand (R nand R))) nand (((P nand P) nand (P nand P)) nand ((R nand R) nand (R nand R)))) nand ((Q nand Q) nand (((P nand P) nand (P nand P)) nand ((R nand R) nand (R nand R))) nand (((P nand P) nand (P nand P)) nand ((R nand R) nand (R nand R)))))

((P ∨ ¬Q) → (Q ∧ ¬(¬P ∨ R)))

((P ∨ (Q nor Q)) → (Q ∧ (((P nor P) ∨ R) nor ((P nor P) ∨ R))))

(((P nor P) nor ((Q nor Q) nor (Q nor Q))) → (Q ∧ (((P nor P) ∨ R) nor ((P nor P) ∨ R))))

((((P nor P) nor ((Q nor Q) nor (Q nor Q))) nor ((P nor P) nor ((Q nor Q) nor (Q nor Q)))) nor (Q ∧ (((P nor P) ∨ R) nor ((P nor P) ∨ R))))

((((P nor P) nor ((Q nor Q) nor (Q nor Q))) nor ((P nor P) nor ((Q nor Q) nor (Q nor Q)))) nor ((Q nor Q) nor (((P nor P) ∨ R) nor ((P nor P) ∨ R))) nor (((P nor P) ∨ R) nor ((P nor P) ∨ R))))

((((P nor P) nor ((Q nor Q) nor (Q nor Q))) nor ((P nor P) nor ((Q nor Q) nor (Q nor Q)))) nor ((Q nor Q) nor ((((P nor P) nor (P nor P)) nor (R nor R)) nor (((P nor P) nor (P nor P)) nor (R nor R)))) nor ((((P nor P) nor (P nor P)) nor (R nor R)) nor (((P nor P) nor (P nor P)) nor (R nor R)))))