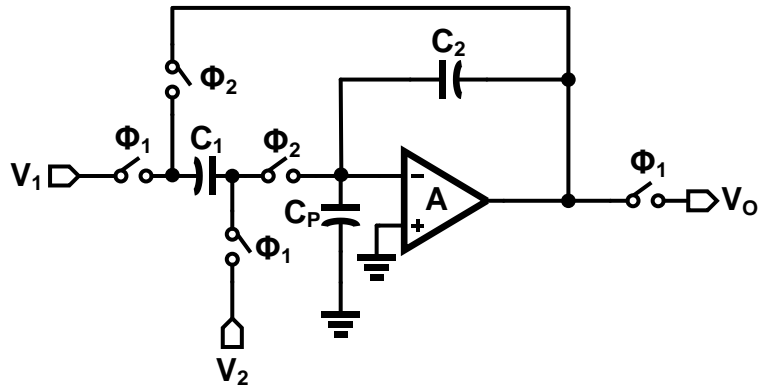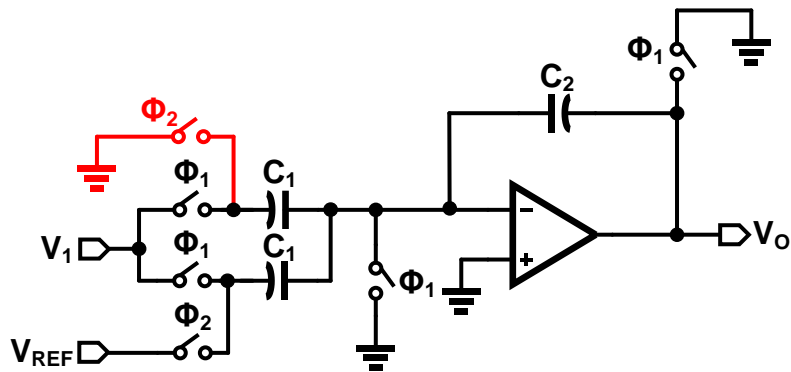# HW-4 ECE 580

Due Date – 28th Nov, 2016, 5:00pm, Outside my office (KEC-4113)

Q1. (a) For the circuit shown below, calculate Vo(z) assuming A = ∞.

(b) What is the relation between C_1 and C_2 for a stable circuit?

(c) For the circuit shown below, calculate Vo(z) assuming A ≠ ∞.

Q2. For the circuit shown below, calculate Vo at the end of phase φ2.

Q3. For the circuit shown below, calculate Vo at the end of phase φ2.