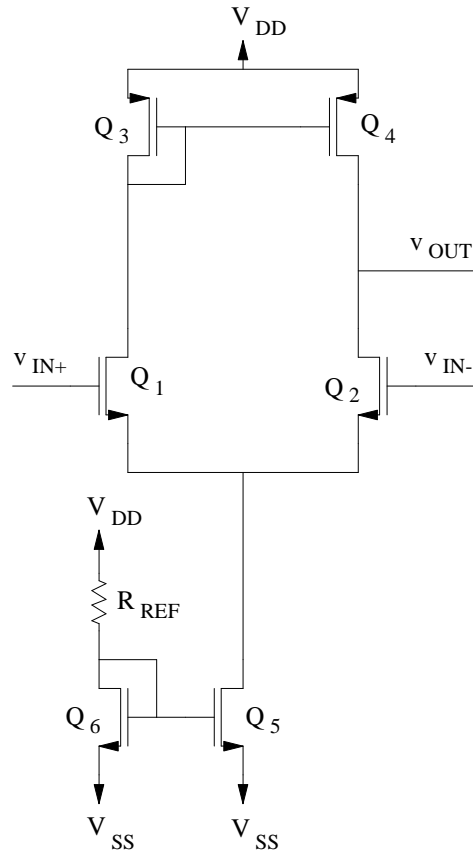


F2018 MTE220 Assignment 9

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For the above circuit

- (1) label the key voltages and current on the circuit diagram.
- (2) describe the purpose of each of the transistors and transistor groups.
- (3) supply the small signal circuit diagram for the above circuit.
- (4) supply an expression for the voltage gain
- (5) supply an expression for the output resistance