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Example:

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Zener Diodes Examples

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a) Find Vo assume no load R1-200 and Vs is nominal lov

b) Find (Mange in Vo W/ respect to Vs

-> line regulation

-> Output voltage change for a given ±10

C) Find DVo if we connect a load resistor that draws ImA away from the Zener Diode

d) Find AV. For QL = 2kn

-7 Zener Diode is no longer in breakdown

F) What is the minimum RI value such that we we On the edge of break down?

Kneevoltage