

Homework 3 – Zener diodes

$DZ1$ - 1N4731A;

$DZ2$ - 1N4737A;

$R = 1 \text{ k}\Omega$.

- What are the minimum and maximum values of the output voltage?
- How does the VTC look like?
- What is the time variation of the output voltage if the input voltage is a sine wave with 15 V amplitude?
- What are the extreme values of the current through the diodes?

