M. Hasyim Abdillah P. (1101(91095)

$$E_g = 1,424 + 1,266.0,07 + 0,266.(0,07)^2$$

$$\lambda = \frac{1,240}{E_g} = \frac{1,240}{1,514} = 0,919 \text{ µm} = 919 \text{ nm}$$

$$\lambda = \frac{1,240}{E_g} = \frac{1,240}{0,977} = 1,269 \text{ mm}$$