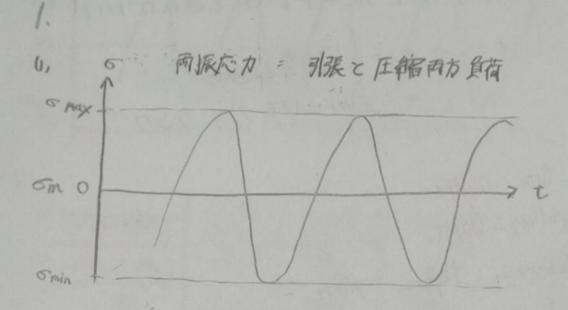
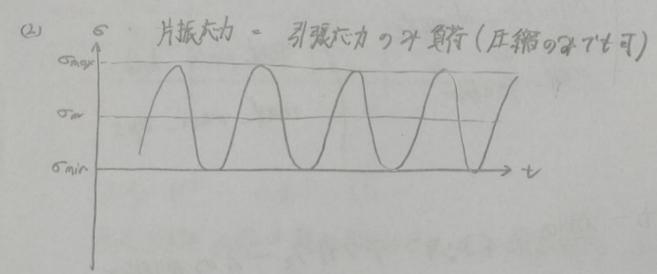
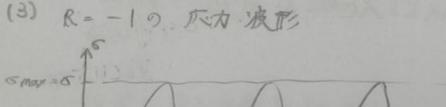
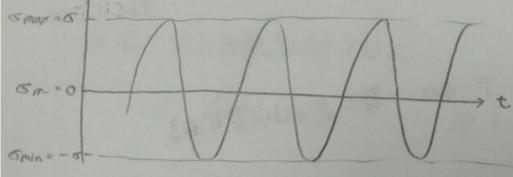
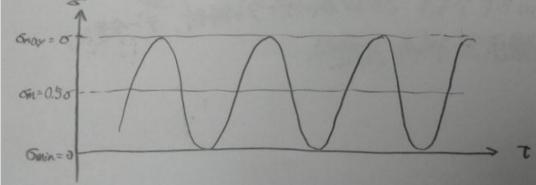
課題

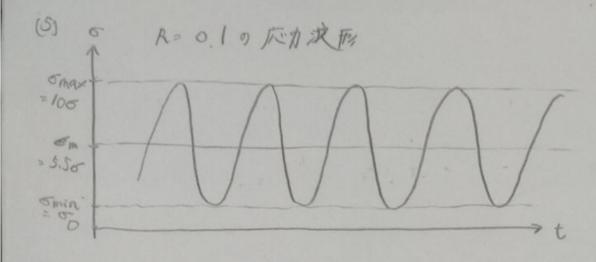












	199			
onax (Ma)	250	320	300	0
omin (MPa)	-250	10	0	-280
5a	250	140	150	140
Om	0.	180	150	-140
R	-15	0.125	0	00
	1		1	

3, $\Delta \in p \cdot N^{\frac{1}{2}} = 0.2$ (1)

永久小ずみ AEp は熱ルずみ AEれから弾性ルガタ AEe を引いためておみから AEp = AEth - AEe = 1.2×10-5. (600-400) - 0.4×10-3 = 2×10-3

厳壊に至る国教をMと対るこ

$$8 \, \epsilon_p \cdot N_f^{\frac{1}{2}} = 0.2$$
 . $N_f = \left(\frac{0.2}{2 \epsilon_p}\right)^{\frac{1}{2}} \left(\frac{0.2}{2 \times 10^{-3}}\right)^{\frac{1}{2}}$

= 1 ×104