

B3-1

(1) A-β系

(a) (b) Fe₁τ Bは 23.5 wt%

(c) R₁τ Bは 13.0 wt%

(d) $\overline{AM} = 33 \text{ mm}$ ← 定規ではかると
 $\overline{ME}_1 = 17 \text{ mm}$ ←

$$\therefore R_1 = \frac{17}{50} \times 200 = \underline{68 \text{ g}}$$

(3) (e) Fe₂τ Aは 6.5 wt%

(f) R₂τ Aは 67.0 wt%

(g) $\overline{R_2M} = 19 \text{ mm}$

$\overline{E_2M} = 23 \text{ mm}$

$$\therefore R_2 = \frac{23}{42} \times 150 = \underline{82 \text{ g}}$$

(h) 混合点の組成は

$$MA = \frac{88 \times 0.67}{50 + 83} = 0.42$$

R₂₂のβ組成は 9.0 wt%

(i) 同数増加有効