2η σειρά (1/3) Άσκηση στερεά 2.

$A = M_S + M_W + C = 72,5$ $\quad C = 32,5$

$B = M_S + C = 61,3 \Rightarrow M_S = 61,3 - 32,5 = 28,8.$

$M = M_S + M_W = 40$

$M_W = 72,5 - 61,3 = 11,2 gr. = V_W.$

$\rho_S = \frac{M_S}{V_S} \Rightarrow 2,7 = \frac{28,8}{V_S} \Rightarrow V_S = 10,67\ cm^3.$

α) $w = \frac{M_W}{M_S} = \frac{11,2}{28,8} = 0,4$

β) $e = \frac{V_V}{V_S} = \frac{V_W}{} = \frac{11,2}{10,67} = 1,05.$

$V = V_W + V_S = 11,2 + 10,67 =$

γ) $\rho = \frac{M}{V} = \frac{40}{21,87} = 1,83.$

δ) $\rho = \frac{M_S}{V} = \frac{28,8}{21,87} = 1,32.$

ε) $V = 22,3 cm^3 = V_S + V_W = 22,3 \Rightarrow$

$10,67 + V_W = 22,3 \Rightarrow$

$S = \frac{V_W}{V_S} = \frac{11.63}{10,67} = 1,9$ $\quad V_W = 11.63$

$\rho = \frac{M_S}{V} = \frac{28,8}{22,3} = 1,29$