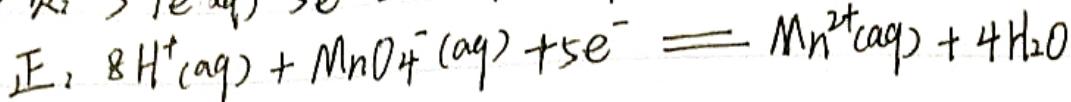
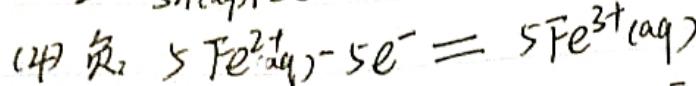
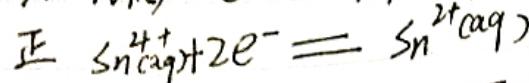
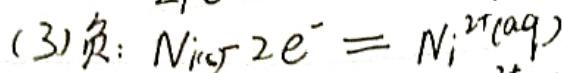
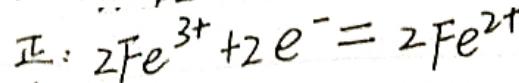
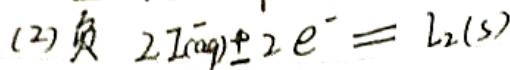
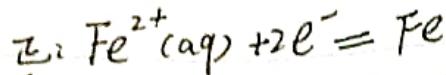
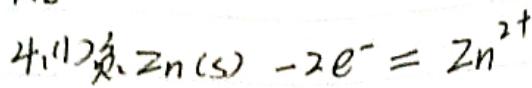
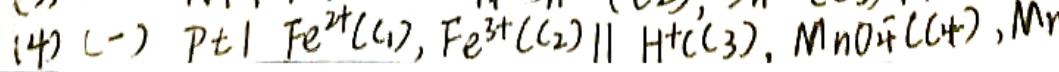
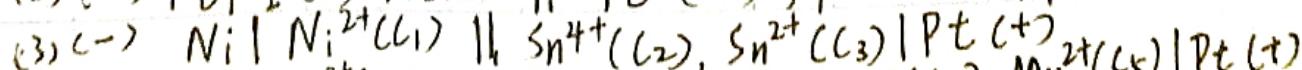
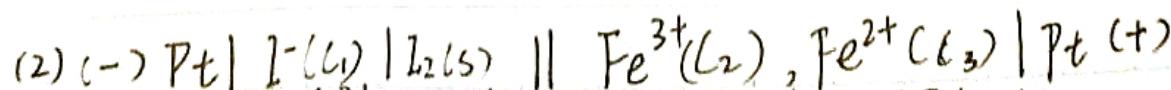
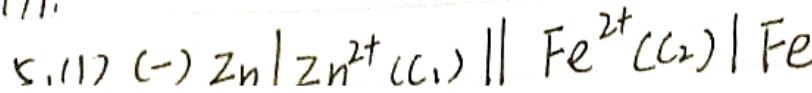


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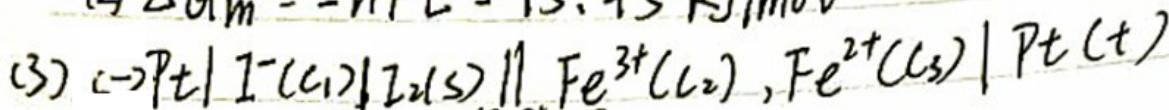


189.



$$\varphi_{\text{red}} E^\theta = \varphi(Fe^{3+}/Fe^{2+}) - \varphi(I^-/I_2) = 0,2355 \text{ V}$$

$$(2) \Delta G_m^\theta = -nFE^\theta = -45,45 \text{ kJ/mol}$$



$$(4) E = E^\theta - \frac{RT}{nF} \cdot \ln \frac{\left(\frac{c(Fe^{2+})}{c^0}\right)^2}{\left(\frac{c(I^-)}{c^0}\right)^2 \left(\frac{c(Fe^{3+})}{c^0}\right)} = 0,058 \text{ V}$$