Page 214, equation (4.335)

It follows from (4.172):

$$\text{grad}\mu_\alpha = M_\alpha \text{grad} g_\alpha \tag{1}$$

and from (4.176)

$$\text{grad} A^p = -\sum_{\alpha=1}^{n} P^{p\alpha} \text{grad}\mu_\alpha; \ p = 1, ..., n - h. \tag{2}$$

Substituting from (1) into (2) in equilibrium:

$$\mathbf{o} = \text{grad} A^{po} = -\sum_{\alpha=1}^{n} P^{p\alpha} M_\alpha \text{grad} g_\alpha^o; \ p = 1, ..., n - h. \tag{3}$$

Substituting from (4.333) into (3), eq. (4.335) follows immediately.