try

Ziang

15/09/2019

$$\frac{\partial^2 l^{Ef}_{j_{(i)}}}{\partial \Delta^2_{1,M}} = \frac{-\exp(\Delta_{1,i} - \Delta_{1,M})[\lozenge + \frac{d_j - h_i + 1}{d_j}] + \exp(2\Delta_{1,i} - 2\Delta_{1,M})}{\left[\lozenge + \frac{d_j - h_i + 1}{d_j}\right]^2} \tag{1}$$