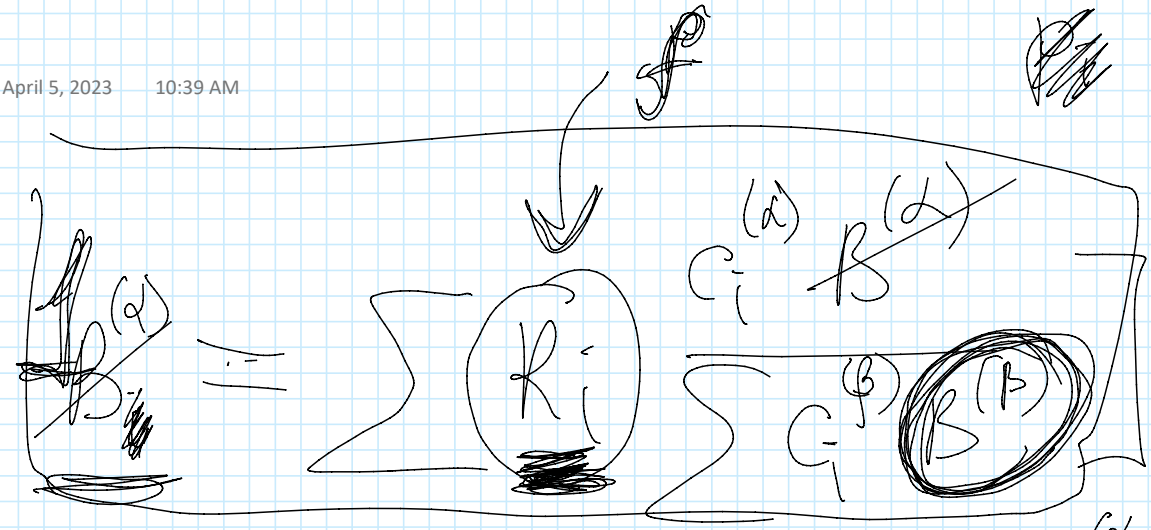
Wednesday, April 5, 2023 10:39 AM



$$B_i^{(\alpha)} = \sum R_i^{(0)} \left[1 + \sum_\gamma \frac{\varphi_i^{(\gamma)} B^{(\gamma)}}{B^{(\gamma)}(\text{alone})}\right] \frac{C_i^{(\alpha)} B^{(\alpha)}}{\sum C_i^{(\beta)} B^{(\beta)}}$$

$$B^{(\gamma)}(\text{alone}) = \sum_j R_j^{(0)} C_j^{(\gamma)}$$

$$\left[\frac{B^{(\alpha)} - \varphi}{D^{(\alpha)}}\right] B^{(k)} \Big| \; B^{(\gamma)}(\text{alone})$$

New notation $f = 1 - \varphi$ $\quad 1 - f = \varphi$

$$R_i^{(\alpha)} = \sum R_{ij}$$

$R_f = 2 R_i$

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1. Try fitting R_f for supernatant in plain agar beads. Compare to R_i without beads. If good agreement — join both datasets

2.