

[illegible]

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$$\begin{aligned} \mathcal{Y}_1^* &= \mathcal{Y}_1 \\ \mathcal{K}_1 &= \mathcal{U}_1 \\ \mathcal{K}_2 &= \left(\frac{1}{\lambda_1} + \frac{1}{\lambda_2} \right) \mathcal{U}_2 \\ \mathcal{U}_3 &= \left(\frac{1}{\lambda_1} + \frac{1}{\lambda_2} + \frac{1}{\lambda_3} \right) \mathcal{U}_3 \\ \mathcal{K}_3 &= \left(\frac{1}{\lambda_1} + \frac{1}{\lambda_2} + \frac{1}{\lambda_3} + \frac{1}{\lambda_4} \right) \mathcal{U}_4 \\ \mathcal{U}_{\text{det}} &= \left(\frac{1}{\lambda_1} + \frac{1}{\lambda_2} + \frac{1}{\lambda_3} + \frac{1}{\lambda_4} + \frac{1}{\lambda_5} \right) \mathcal{U}_5 \\ \mathcal{Y}_2(\cdot) &= \mathcal{U}_{\text{det}}(\cdot) = 1.6 \text{ GHz} \end{aligned}$$

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ρ_0 IS A PREDICTION OF OXIDE THICKNESS BEFORE ANY BAKING, ρ_1 IS AN ESTIMATE OF THE RATE OF OXIDE GROWTH AND HAS THE DIMENSION OF THICKNESS PER TIME

(16)

$$1.7650 + (45)0.1757 \approx 9.62$$