

Define [

$R_{i,j} = \text{Module} [\{k\},$

$$\Lambda 2 \mathbb{E}_{\{\} \rightarrow \{i,j\}} \left[\hbar a_j b_i + \sum_{k=1}^{k+1} \frac{(1 - e^{\epsilon \hbar})^k (\hbar y_i x_j)^k}{k (1 - e^{k \epsilon \hbar})} \right]]]$$