

$$\mathbf{a} \in \mathbb{Z}_q[x]/(x^N + 1)$$

a_0	a_1	a_2	\dots					\dots	a_{N-3}	a_{N-2}	a_{N-1}
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(1, k)-camada NTT incompleta

$\mathbb{Z}_q[x]/(x^{N/2} - \psi^i)$						$\mathbb{Z}_q[x]/(x^{N/2} + \psi^i)$					
\hat{a}_0	\hat{a}_1	\hat{a}_2	\dots			\dots	\hat{a}_{N-3}	\hat{a}_{N-2}	\hat{a}_{N-1}		

(2, k)-camada NTT incompleta

$\mathbb{Z}_q[x]/(x^{N/4} - \psi^i)$			$\mathbb{Z}_q[x]/(x^{N/4} + \psi^i)$			$\mathbb{Z}_q[x]/(x^{N/4} - \psi^i)$			$\mathbb{Z}_q[x]/(x^{N/4} + \psi^i)$		
\hat{a}_0	\hat{a}_1	\hat{a}_3	\dots			\dots		\dots	\hat{a}_{N-3}	\hat{a}_{N-2}	\hat{a}_{N-1}

(l, k)-camada NTT incompleta

\vdots

(k, k)-camada NTT completa

Cada célula: $\mathbb{Z}_q[x]/(x \pm \psi^i)$

\hat{a}_0	\hat{a}_1	\hat{a}_2	\dots					\dots	\hat{a}_{N-3}	\hat{a}_{N-2}	\hat{a}_{N-1}
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