

$$\mathbf{A}_{L \times L} =$$

$(\mathbf{G}_{\text{LDPC}})_{S \times K}$	$(\mathbf{I})_{S \times S}$	$(\mathbf{Z})_{S \times H}$
$(\mathbf{G}_{\text{Half}})$		$(\mathbf{I})_{H \times H}$
(\mathbf{G}_{LT})		