

shot k

$e^{-j\omega\Delta t_i}$	0
0	$e^{-j\omega\Delta t_k}$
0	$e^{-j\omega\Delta t_l}$
$e^{-j\omega\Delta t_j}$	0

 $\mathbf{\Gamma}$

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$e^{+j\omega\Delta t_i}$	0	0	$e^{+j\omega\Delta t_j}$
0	$e^{+j\omega\Delta t_k}$	$e^{+j\omega\Delta t_l}$	0

 $\mathbf{\Gamma}^H$ (shot l)^{*}

=

1	0	0	$e^{-j\omega\Delta t_{ij}}$
0	1	$e^{-j\omega\Delta t_{kl}}$	0
0	$e^{-j\omega\Delta t_{lk}}$	1	0
$e^{-j\omega\Delta t_{ji}}$	0	0	1

 $\mathbf{\Gamma\Gamma}^H$