

$$\begin{array}{c}
\text{shot } k \\
\begin{array}{|c|c|}
$e^{-j\omega\Delta t_i}$	0
0	$e^{-j\omega\Delta t_k}$
$e^{-j\omega\Delta t_j}$	0
0	$e^{-j\omega\Delta t_l}$

\end{array}
\cdot
\begin{array}{c}
\text{(shot } l) \\
* \\
\begin{array}{|c|c|c|c|}
| $e^{+j\omega\Delta t_i}$ | 0 | $e^{+j\omega\Delta t_j}$ | 0 |
| 0 | $e^{+j\omega\Delta t_k}$ | 0 | $e^{+j\omega\Delta t_l}$ |

\end{array}
=
\begin{array}{|c|c|c|c|}
1	0	$e^{-j\omega\Delta t_{ij}}$	0
0	1	0	$e^{-j\omega\Delta t_{kl}}$
$e^{-j\omega\Delta t_{ji}}$	0	1	0
0	$e^{-j\omega\Delta t_{lk}}$	0	1

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