

$$\begin{array}{ccccccc}
& \color{red}{1} & \color{red}{2} & \cdots & \color{red}{P+1} & \color{red}{P+2} & \color{red}{P+3} \cdots \color{red}{2(P+1)} & \color{red}{K(P+1)-P} & \color{red}{K(P+1)-P+1} \cdots \color{red}{K(P+1)} \\
\color{blue}{1} & 1 & g(1,1,1) & \cdots & g(1,1,P) & 1 & g(1,2,1) & \cdots & g(1,2,P) & 1 & g(1,k,1) & \cdots & g(1,k,P) \\
\color{blue}{2} & 1 & g(2,1,1) & \cdots & g(2,1,P) & 1 & g(2,2,1) & \cdots & g(2,2,P) & 1 & g(2,k,1) & \cdots & g(2,k,P) \\
\color{blue}{3} & 1 & g(3,1,1) & \cdots & g(3,1,P) & 1 & g(3,2,1) & \cdots & g(3,2,P) & \cdots & 1 & g(3,k,1) & \cdots & g(3,k,P) \\
\vdots & \vdots & \vdots & \ddots & \vdots & \vdots & \vdots & \ddots & \vdots & \vdots & \vdots & \ddots & \vdots & \vdots \\
\color{blue}{M} & 1 & g(M,1,1) & \cdots & g(M,1,P) & 1 & g(M,2,1) & \cdots & g(M,2,P) & 1 & g(M,k,1) & \cdots & g(M,k,P)
\end{array}
\begin{array}{ccc}
\underbrace{\hspace{10em}}_{j=1} & \underbrace{\hspace{10em}}_{j=2} & \underbrace{\hspace{10em}}_{j=K}
\end{array}$$