

$$\begin{array}{cccccc}
 \overset{A}{\parallel} & \overset{B}{\parallel} & \overset{C}{\parallel} & \overset{C^T}{\parallel} & \overset{v}{\parallel} \\
 \left(\mathcal{P}(g)^{-1} \right)_u^i & \dot{\mathcal{P}}(\Theta)_x^k & \mathcal{P}(g)_v^l & \mathcal{P}(g^{-1})_k^i & \wedge \psi^k
 \end{array}$$

"

$$\left(ABC C^T \right)_k^i \psi^k$$

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$$\left(AB \right)_k^i \psi^k$$