```
\log(\cdot)
\exp(\cdot)
\log Exp
R
T_XM
R
                                                                     \exp
                                                                       Log
                                                                       Exp
                                                                      MXMTMM
                  irack.pngEXAMP02: Multi-viewETH80 \cite{Comparison} [width=] source/ETH80 apple.pngEXAMP03: CMUMoBo \cite{Comparison} [width=] sou
               U_i^i \Lambda_i U_i^T m(m < 
                  V_i = U_i
                   , \check{1} :
                  m)U_i(:
                  ,1':m)U_im
                  \{Y_j\}_{j=1}^n
                                                                                                                                                                                                u_k^T v_k s.t u_k^T u_k = 1, v_k^T v_k = 1 u_k^T u_i = 0, v_k^T v_i = 0, (i = 1, 2, ..., k-1)
                                                                     u_k \in \overline{span}(Y_i) \ v_k \in span(Y_j)
(1)
??
                \begin{array}{l} ??\\ angle.png[][?]\\ d_p(Y_i,Y_j) =\\ \left( \sum\limits_{i=1}^m \sin^2\theta_i \right)^{\frac{1}{2}}\\ d_{Max}(Y_i,Y_j) =\\ \end{array}
                \frac{(1 - \cos^2 \theta_1)^{\frac{1}{2}}}{d_{Min}(Y_i, Y_j)} = \frac{(1 - \cos^2 \theta_m)^{\frac{1}{2}}}{d_{CF}(Y_i, Y_j)} =
                  2\left(\sum_{i=1}^{m}\sin^2(\theta_i/2)\right)^{\frac{1}{2}}
                  M?S_1, S_2, S_3, S_4, ...MS, S_i, C_j
                   d_{ppd}(x,y) =
                  \ddot{y}
                  \check{d}_{psd}^{\, \circ}(x,S) =
                 \min_{x' \in S} \|x - x'\|
d_{ssd}(S_1, S_2) =
anyvalidsubspacemetric
                   d_{pmd}(x,M) =
                  \min_{\substack{C_i \in M \\ d_{smd}(S, M) = \\ }} d_{psd}(x, C_i)
```

 $\min_{C \in M} d_{cod}(S, C_i)$