$$\begin{cases}
4(x_{1}, t_{2}) = 4x_{1}^{2} + 2t_{2}^{2} - 5x_{1}x_{2} - 1x_{1} + 10 \\
x_{1} = [1, 1]
\end{cases}$$

$$\begin{cases}
7f = \begin{cases}
8x_{1} - 5x_{2} - 8 \\
6x_{2} - 5x_{1}
\end{cases}
\end{cases}$$

$$d_{k} = -\nabla f(x_{1}) = \begin{cases}
8 - 5 - 8 \\
6 - 5
\end{cases} = \begin{bmatrix}
+5 \\
-1
\end{bmatrix}$$

$$d_{k} = \arg\min \left\{ \begin{cases}
\frac{1}{1} + \lambda \cdot \begin{bmatrix} 5 \\ -1 \end{bmatrix} \right\} = \arg\min \left\{ \begin{cases}
\frac{1}{1 - \lambda} \end{bmatrix} = \\
\frac{1}{1 - \lambda} + 2x_{1} - 3x_{2} - 4x_{1} - 3x_{2} - 4x_{2} -$$

= argmin + ([0,5+9,5]) = = argmin (4(0,5+9,52)2+3(5,5+2,52)2-5(1/2+9,52)(5,5+2,52) -8(0,5+9,52)+10) = argmin [1+382+1922+3.5,52 + 8.5,5.2,5.人+3-2,522-5(10+至九十三十九十三九五十三九三人 -4-76入+10)] =1 1 = 0,4272 (Sectioned de hur) =1 $X_3 = X_2 - \lambda \cdot \nabla f(X_2) = \begin{bmatrix} 1/2 \\ 1/2 \end{bmatrix} - 0/42 \begin{bmatrix} 9,5 \\ 25 \end{bmatrix} = \begin{bmatrix} -3,5 \\ 4,375 \end{bmatrix}$

$$\begin{cases}
\begin{cases}
x = \{1\} \\
y = \{1\} \\
y = \{1\} \\
y = \{2\} \\$$