```
\begin{array}{l} Sparseland \\ Sparseland? \\ Sparseland? \\ SparselandSparselandDictionary LearningSparse CodingSparseland \\ x_i \in {}^mX = [x_1, x_2, \ldots, x_n] \in {}^{m \times n}nmn >> mD = [d_1, d_2, \ldots, d_k] \\ \alpha_i \\ l \\ basic \ pursuitLassol_1l_0\alpha_i \\ l_0x^{(t)}X = [x_1, \ldots, x_n]^{m \times n} \\ x_i^*\alpha^t \\ \bullet x_i^*(a^t) \\ \bullet x_i^*(b) = D \ \alpha^{(t)}\|_2^2 \\ \bullet D \ \alpha^{(t)}\hat{x}^{(t)} \\ \bullet x^{(t)} \\
```