Input: \[ D = ((1.2, 0), (1.4, 0), (1.6, 0), (3.7, 1), (3.9, 1), (4.1, 1)) \]
\[ S = (1.2, 1.4, 1.6, 3.7, 3.9, 4.1) \]
\[ a = 1 \]
\[ b = 1 \quad T_1 = T_0 \cup \{S_{1,1}\} = \{S_{1,1}\}^* \]
\[ a = 2 \]
\[ b = 2 \quad T_2 = T_1 \cup \{S_{2,2}\} = \{S_{1,1}, S_{2,2}\} \]
\[ b = 1 \quad T_2 = T_0 \cup \{S_{1,2}\}^* \]
\[ a = 3 \]
\[ b = 3 \quad T_3 = T_2 \cup \{S_{3,3}\} = \{S_{1,2}, S_{3,3}\} \]
\[ b = 2 \quad T_3 = T_1 \cup \{S_{2,3}\} = \{S_{1,1}, S_{2,3}\} \]
\[ b = 1 \quad T_3 = T_0 \cup \{S_{1,3}\} = \{S_{1,3}\}^* \]
\[ a = 4 \]
\[ b = 4 \quad T_4 = T_3 \cup \{S_{4,4}\} = \{S_{1,3}, S_{4,4}\} \]
\[ b = 3 \quad T_4 = T_2 \cup \{S_{3,4}\} = \{S_{1,2}, S_{3,4}\} \]
\[ b = 2 \quad T_4 = T_1 \cup \{S_{2,4}\} = \{S_{1,1}, S_{2,4}\} \]
\[ b = 1 \quad T_4 = T_0 \cup \{S_{1,4}\} = \{S_{1,4}\}^* \]
\[ a = 5 \]
\[ b = 5 \quad T_5 = T_4 \cup \{S_{5,5}\} = \{S_{1,4}, S_{5,5}\} \]
\[ b = 4 \quad T_5 = T_3 \cup \{S_{4,5}\} = \{S_{1,3}, S_{4,5}\} \]
\[ b = 3 \quad T_5 = T_2 \cup \{S_{3,5}\} = \{S_{1,2}, S_{3,5}\} \]
\[ b = 2 \quad T_5 = T_1 \cup \{S_{2,5}\} = \{S_{1,1}, S_{2,5}\} \]
\[ b = 1 \quad T_5 = T_0 \cup \{S_{1,5}\}^* = \{S_{1,5}\}^* \]
\[ a = 6 \]
\[ b = 6 \quad T_6 = T_5 \cup \{S_{6,6}\} = \{S_{1,5}, S_{6,6}\} \]
\[ b = 5 \quad T_6 = T_4 \cup \{S_{5,6}\} = \{S_{1,4}, S_{5,6}\} \]
\[ b = 4 \quad T_6 = T_3 \cup \{S_{4,6}\} = \{S_{1,3}, S_{4,6}\}^* \]
\[ b = 3 \quad T_6 = T_2 \cup \{S_{3,6}\} = \{S_{1,2}, S_{3,6}\} \]
\[ b = 2 \quad T_6 = T_1 \cup \{S_{2,6}\} = \{S_{1,1}, S_{2,6}\} \]
\[ b = 1 \quad T_6 = T_0 \cup \{S_{1,6}\} = \{S_{1,6}\} \]

Output: \[ T_6 = \{S_{1,3}, S_{4,6}\} = \{(1.2, 1.4, 1.6), (3.7, 3.9, 4.1)\} \]

\[^* = \text{discretization with the highest EBD score in iteration } a \]