	raw		feature			embedded
	in-time-based	distance-based	shape-based	model-based	characteristic-based	iterative-based
raw data	×	x 	x 	X 	×	X
transformation		X 				
representation			X 	X 	X 	
clustering	X	X	X	X	X	
				~~		
example			= + + >	\downarrow $Y_t = \alpha + \beta_1 Y_{t-1} + \beta_2 Y_{t-2} + \dots + \epsilon_t$	$ \begin{array}{c} \downarrow \\ \bar{x} \\ \sigma^2 \\ \hat{\rho}_k \\ \sum x_{t+1} - x_t \\ \beta_t \\ \vdots \end{array} $	Start Initial Values Expectation Maximization No converged? Yes End
algorithm	LKMA	DTW	DFT	VAR	tsfresh	GBTM
notes						