1. Find coordinate actived by pre-knowledge

2.a Find coordinates and function activated

2.b Recursively find until no new activations

3. Execute explicit SINDy

4. Find every function and coordinate not activated by the explicit solution

5. Execute implicit SINDy on the remaining components

6. Combine the mixed SINDy solution

Final solution : $s = \begin{bmatrix} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet \end{bmatrix}$

● : non-null cordinate/function data

● : pre-knowledge   ● : explicit solution

● : implicit solution