ICA: observation = mixture of independent sources,
ISA: observation = mixture of independent source *groups*,

One of the most fundamental hypotheses of the ICA research (J.-F. Cardoso, ’98; sufficient conditions: Szabó et al., JMLR’07):

\[
\text{ISA} = \text{ICA} + \text{clustering (of the ICA elements)}.
\]

Goal of the present work: extend the ISA Separation Theorem to partially observable systems. Generalizations:
- Multidimensional sources (ISA),
- Sources have dynamics (non-i.i.d. case).