## Encoder structure:



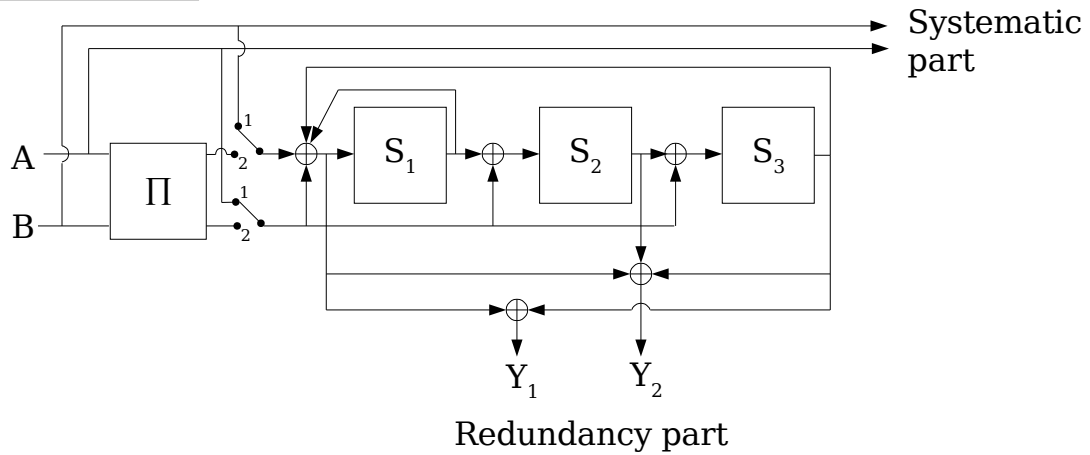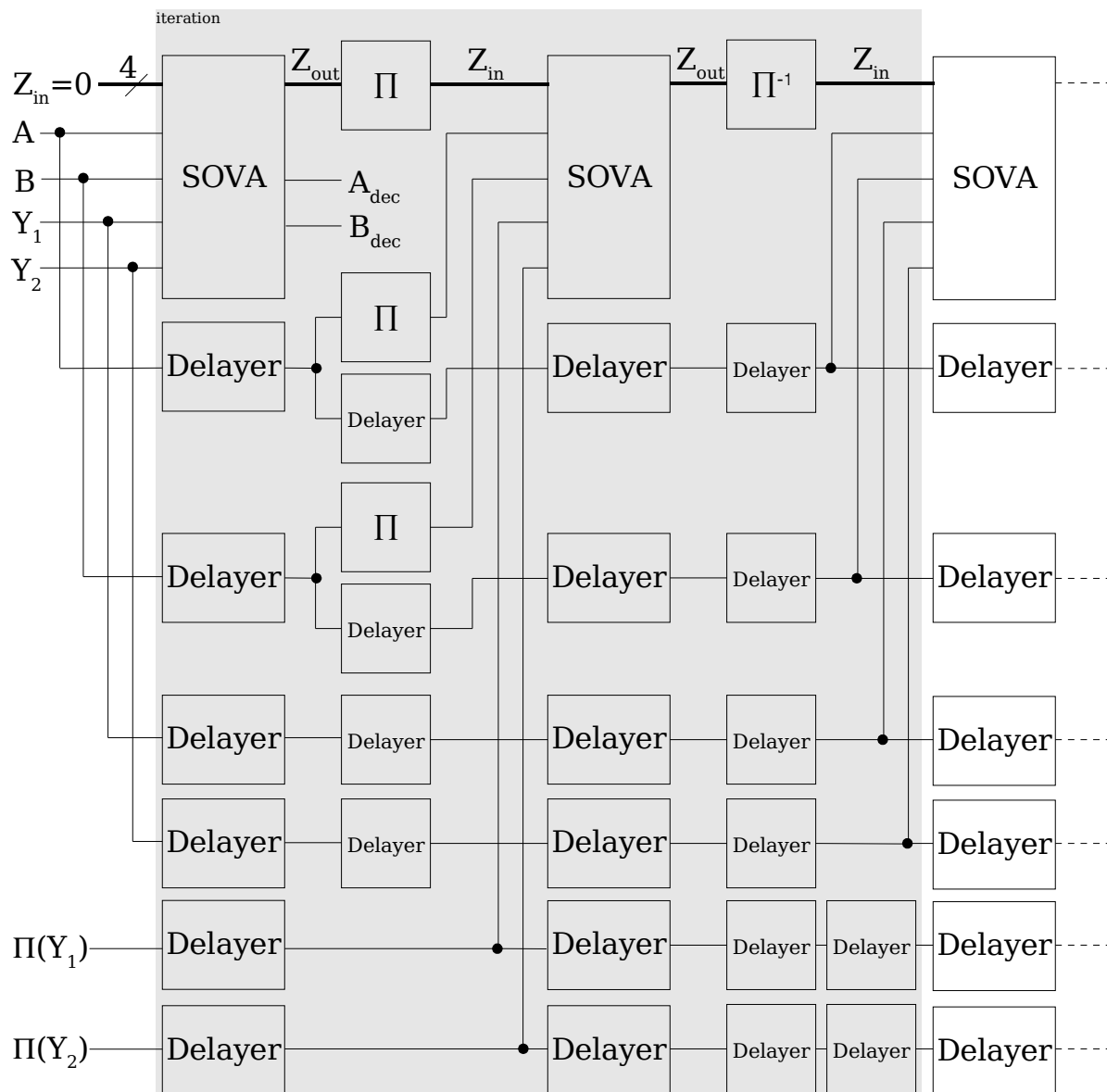## Top-level block diagram of the turbo decoder:

# SOVA block diagram: