Appendix

- The verification code can be downloaded from https://github.com/paraVerifier/ paraVerifier.git.
 - The verification ML code is flash_data_cub.ml in the directory examples. You can use the command "corebuild flash_data_cub.byte" to build the flash_data_cub.byte.
 - \bullet The Murphi oracle is <code>n_flash_data_cub.m</code>. Notice that its
 - The SMV oracle is flash_nodata.smv.
 - \bullet The generated proof scripts is in the directory <code>proof_scripts\flash_data</code>.
- The set of all concrete invariants, which are generated by $\mathsf{invFinder},$ is downloaded from .
- $-\,$ The set of all concrete causal relations is downloaded from .