Design Technologies for Integrated Systems − EPFL
Exercise 8   **29/11/2018**

Problem 1

Consider the logic network defined as:

$k = ad$

$n = c + k$

$m = (ab)'$

$f = m + n$

Inputs are $\{a, b, c, d\}$ and output is $\{f\}$. Assume $CDC_{in} = ab$. Compute CDC_{out}.

Problem 2

Consider the logic network above. Compute the ODC sets for all internal and input vertices assuming that the outputs are fully observable.