



Detection\_Prob is the probability of detecting a torque attack. Here the idea is to model "plausibility" checks, e.g. by comparing the previous torque value with the next torque value. These can be:

- value based (i.e. a max difference is defined between two successive torque values), or
- time based (i.e. there might be minimum interval between the adjacent torque requests. If this constraint is violated then the torque request should be ignored.)