

Exercise Session 7

Terminating Reliable Broadcast

Problem 1

Can we implement TRB with the eventually perfect failure detector $\diamond P$, if we assume that at least one process can crash?

Problem 2

Show that P is the weakest failure detector for Group Membership.

The failure detector D is weakest for solving some problem A (e.g., Consensus or NBAC) if D provides the smallest amount of information about failures that allows to solve A .