

519 (perfect shuffle) Write a specification for a computation that repeatedly reads an input on either channel  $c$  or  $d$ . The specification says that the computation might begin with either channel, and after that it alternates.

After trying the question, scroll down to the solution.

§ The specification is  $C \vee D$ , where

$$C = c?. D$$

$$D = d?. C$$

Another solution is  $(ok \vee c?). P$ , where

$$P = d?. c?. P$$