```
EXTENDS Integers

a (+) b == (a + b) % 2

(****************************************************************
--algorithm Handshake {

    variable p = 0,  c = 0 ;

    process (Producer = 0)
      { pe: while (TRUE)
               {       await p = c ;
                put: skip ;
                px:   p := p (+) 1   }
      }

    process (Consumer = 1)
      { ce: while (TRUE)
               {       await p # c ;
                get: skip ;
                cx:   c := c (+) 1   }
      }
}
 ****************************************************************)

Alt == INSTANCE AltSpec WITH b <- p (+) c
================================================================
```