Algorithm *AltSpec*

--algorithm *AltSpec* **{**

   variable $b = 0$;

   process (*Producer* $= 0$)

    { *pe*: **while** (TRUE)

        {   **await** $b = 0$;

        put: **skip** ;

        px: $b := 1$ **}**

    }

   process (*Consumer* $= 1$)

    { *ce*: **while** (TRUE)

        {   **await** $b = 1$;

        get: **skip** ;

        cx: $b := 0$ **}**

    }

}