Sea $\Gamma:=\frac{1}{1} \stackrel{p}{ } \stackrel{p}{$

```
\left[\left| \begin{array}{c} \left| \begin{array}{c} \left| \begin{array}{c} \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \right| \right| \right] \\ \left| \begin{array}{c} \left| \begin{array}{c} \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \right| \right| \\ \left| \begin{array}{c} \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \\ \left| \begin{array}{c} \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \\ \left| \begin{array}{c} \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \\ \left| \begin{array}{c} \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \begin{array}{c} \left| \right| \\ \left| \end{array} \right| \\ \left| \end{array} \right| \\ \left| \left| \right| \\ \left| \right| \\ \left| \right| \\ \left| \right| \\ \left| \left| \right| \\ \left| \left| \right| \\ \left| \left| \right| \\ \left| \right| \right| \\ \left| \left| \right| \\ \left| \right| \\ \left| \right| \\ \left| \right| \\ \left| \left| \right| \\ \left| \right| 
 \equiv 1 Def sémantica can respecto a (\longrightarrow)
  \max \left\{ 1 - \left[ \begin{bmatrix} p \\ 1 \end{bmatrix} \right] \right\} \left[ \begin{bmatrix} -p \\ 1 \end{bmatrix} \right] = \left[ \frac{p}{2} \right] \left[ \frac{p}{2} \right] 
\equiv h \operatorname{De} f sémantica can respecto a (\longrightarrow)
  max { 1 - [[p]]f, max { 1 - [[-]p]]f, [[p]]f { {
 = | Ezerciais 4 del apante }
 max { 1 - [[p]]f, max } 1 - (1 - [[p]]f), [[p]]f { {
 = h Construcción de f
   max { 1 - 1, max } 1 - (1-1), 1 { {
   = Aritmetica, Def de max }
 \left[\left[\begin{matrix} 0 \\ 0 \end{matrix}\right] \longleftrightarrow \neg \left[\begin{matrix} 0 \\ 2 \end{matrix}\right]\right] f
   = 1 Det 11 }
   \left[ \left[ \left( \begin{array}{c} p \\ 0 \end{array} \right) \wedge \left( \neg p \\ 1 \end{array} \right) \right] \right] 
 \equiv 1 Def sémantica can respecto a (\longrightarrow)
  \min_{n \to \infty} \{1 - [[n]]_f, [[-n]]_f \}, \max_{n \to \infty} \{1 - [[-n]]_f, [[n]]_f \} \}
 = 1 Ezerciaio 4 del aponte 1
  min { max { 1 - [P]f, 1 - [P]f }, max { 1 - (1 - [P]f), [P]f } }
 = 1 Construcción de f
 \min_{n \to \infty} \{1 - 0, 1 - 1\}, \max_{n \to \infty} \{1 - (1 - 1), 0\} 
= A Aritmetica, Def de max y min {
```

luego f valida My por Lema 28 (criterio de consistencia) entances Mes consistente.