PEE-02 32111 32121 300 33121 1. c) Actualizar person del modelo con: "cccaa" y "chaaa": X_{Λ} = cccaa c c c a a $\Pi_{X_A}^{1}: \quad I \xrightarrow{\Lambda} \Lambda \xrightarrow{0,7} \Lambda \xrightarrow{0,2} \Lambda \xrightarrow{0,2} \Lambda \xrightarrow{0,5} 2 \xrightarrow{0,9} 3 \xrightarrow{0,6} F \Rightarrow \Lambda, \Lambda \Lambda 1 \cdot \Lambda 0^{-3}$ $T_{X_A}^2: \quad I \xrightarrow{1} \xrightarrow{0,7} \xrightarrow{0,2} \xrightarrow{0,7} \xrightarrow{0,5} \xrightarrow{0,5} \xrightarrow{0,0} \xrightarrow{1} \xrightarrow{0,4} \xrightarrow{3} \xrightarrow{0,6} F \Rightarrow 1,058.10^{-3}$ $\Pi_{x}^{3}: I \xrightarrow{\Lambda} \stackrel{0,7}{\Lambda} \stackrel{0,5}{\longrightarrow} \stackrel{0,1}{2} \xrightarrow{0,1} \stackrel{0,7}{\Lambda} \xrightarrow{0,5} \stackrel{0,3}{\longrightarrow} \stackrel{0,9}{\longrightarrow} \stackrel{1}{\longrightarrow} \stackrel{0,6}{\longrightarrow} F => 1,985.10^{-4}$ $\Pi_{X_1}^{4}$: $I \xrightarrow{\Lambda} \stackrel{0,7}{\Lambda} \xrightarrow{0,5} \stackrel{0,1}{2} \xrightarrow{0,1} \stackrel{0,7}{\Lambda} \xrightarrow{0,3} \stackrel{3}{3} \xrightarrow{0,4} \stackrel{3}{3} \xrightarrow{0,6} F => \Lambda,764 \cdot \Lambda^{0-4}$ $\Pi_{X_4}^{S}: I \xrightarrow{0,7} \xrightarrow{0,2} \xrightarrow{0,2} \xrightarrow{0,2} \xrightarrow{0,3} \xrightarrow{0,4} \xrightarrow{3} \xrightarrow{0,6} F => 9,878.10^{-4}$ X2 = Chaaa 12333 News (MANS) M233 (M333 $\Pi_{x_4}^{1}: I \xrightarrow{1} \xrightarrow{0,7} \xrightarrow{0,5} \xrightarrow{0,5} \xrightarrow{0,9} \xrightarrow{0} \xrightarrow{0,4} \xrightarrow{0,6} \xrightarrow{0,6} F = > 1,814.10^{-2}$ $T_{x_2}^2: I \xrightarrow{10,70,20,30,50,30,9} \xrightarrow{10,43} \xrightarrow{10,6} F => 1,361.10^{-3}$ $T_{x_2}^3: I \xrightarrow{\Lambda} \xrightarrow{0,7} \xrightarrow{0,2} \xrightarrow{0,3} \xrightarrow{0,3} \xrightarrow{0,4} \xrightarrow{3} \xrightarrow{0,4} \xrightarrow{3} \xrightarrow{0,6} F = > 1,21-10-3$ \$ (1/11), \$ (2/11), \$ (3/11) (\$ (4/12), AMEVAN, \$ (3/2) | 9(3/3),9(813)1 eleta), e(b11), e(cH1), e(g/2), e (b12),

e(c/2), e(a13)

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```
9 (1 | 1) = @ suma probs. de los caminos
 NUM.: \frac{1}{3.532} \cdot 10^{-3} \cdot (2 \cdot 1.10^{-3} + 1.058 \cdot 10^{-3} + 2.9.878 \cdot 10^{-4})
       1,488 + 0,1241 = 1,6121
DEN.: \frac{X_1}{1}, \frac{1}{3},532.10^{-3}. (3.1, M1.10^{-3} + 2.1, 0.58.10^{-3} + 2.1)

\cdot 1,085.10^{-1} + 2.1,764.10^{-4} + 3.1

\cdot 9,878.10^{-4})

\frac{1}{2,071.10^{-2}}. (1,814.10^{-2} + 2.1,361.10^{-3} + 2.1,21.10^{-3})
   → 2,594 + 1,1242 = 3,7182
 0 = \frac{1,6121}{3.2182} = 0,4331
 q(2/1/= 0 /a2
 NUM. \frac{1}{3},532.10^{-3}. (1,058.10^{-3} + 2.1,985.10^{-4} + 1,111.10^{-3} + 1,764.10^{-4})
   L, 0,7764 + 0,9416 = 1,718
 DEN. $ 182 182 182, igual que el anterior = 3,7182
 \Theta = \frac{1,718}{2,1182} = 0,4521
  NUM. \frac{1}{12},071.10<sup>-3</sup>. (1,764.10<sup>-4</sup> + 9,878.10<sup>-4</sup>) \frac{1}{12},073296 + \frac{1}{12},071.10<sup>-2</sup> (1,21.10<sup>-3</sup>) = 0.280
 DEN = 3,7182/
 0=0,388/3,7182=0,1049
```

```
9(112): 0
  NUM. : 3,532.10-3. (1,985.10-4 + 1,264.10-4)
                      X_2 \setminus 1_{2,071.10^{-2}} \cdot (0) = 0
          L, 0, 1061/
+ 1,764.10-4)
                                    1/2,071.10-2. (1,814.10-2+1,361.10-3)
         - 0,7764 + 0,9416 : 1,718
     Ø = 0,0c18
       NUM.: X1 13,532 · 10-3 · (1,111 · 10-3 + 1,058 · 10-3)
                               X2 1
2,071.10-2. (1,814.10-2+1,361-10-3)
              0,6141 + 0,9416 = 1,5557
       DEN. igual que antes = 1,718/
     @ 1,5557/1,718 = 0,9055
    9(313)= @
     NUM. : ×1 1/3,532.10-3. (1,058-10-3+1,764-10-4+9,878.10-4)
                         \chi_{2} \chi_{2} \chi_{2} \chi_{2} \chi_{2} \chi_{3} \chi_{2} \chi_{3} \chi_{2} \chi_{3} \chi_{3} \chi_{2} \chi_{3} \chi_{3
                    = 0,6292 + 1,9344: 2,5636//
```

```
1,111.10-3
           1/3,532.10-3. (MANNAGN + 2.1,058.10-3+
                     11,985.10-42.1,764.10-4,2.
                          -9,878-10-4)
          1/2071.10-2. (3.1,814.10-2+2-1,361.10-3+
                     + 3-1,21-10-3)
    1,5635/
9,9739 + 2,9344 = 3,9083
 8 2,5636 = 976559 0,5818
    4,5635
 ē(b|1)= 8
 Num.: \frac{x_1}{3},532.00^{-3}. 0

\frac{x_2}{2,074.40^{-2}}. (1,361.10<sup>-3</sup> + 1,21.10<sup>-3</sup>)
  L, 0,1372/
DEN. igual a antes = 3,7182/
 \otimes \frac{0,1372}{3.1182} = 0,0369
 € (CIN)=
 NUM.: X17 1/3,532.10-3. (3. 1,11.10-3+2-1,058.10-3+
+2.1,985.10-4+2-1,764.10-4+
                   +3-9,878-10-4)
         2021-10-2. (1,814.10-2 + 1,361.10-3 + 1,21-10-3)
 2,5941 1 11 = 3,5941/
                                                                  3
```

DEN.: igual = 3,7182

$$\frac{3,5941}{3,7182} = 0,0866$$

$$\overline{8}(0.12) = 0$$
NUM.: $\frac{3}{2}$, $\frac{1}{2}$, $\frac{3}{2}$, $\frac{1}{2}$

ē(c12)-0 NUM. X1 13,532.103. (1,058.10-3 + 1,985.10-4 + 1,764.10-4) N2,071.10-2. (0) L, 0,4057 DEN igual = 1,710 Q 0,4057 = 0,2361 ē (a|3) = ⊕ NUM.: x1/1/3,532.10-3. (1,11.10-3+2.1,058-10-3+ + 1,985.10-4 + 2.1,764.10-4+ +2.9,878.10-4) 1/2,071.10-2. (3.1,814.10-2 + 2.1,361.10-3+ +(3.1,21.10-3) 1,6291 + 2,9344 = 4,5635/ DEN. igual = 87,9083/ 4,5635/ 8 4,5635 = 1 4,5635