

$$\begin{aligned}
\Pi &= \prod_{j=1}^n v_j^{x_j} = ??? \\
\Pi &= v_1^{x_1} v_2^{x_2} v_3^{x_3} \Rightarrow \\
1 &= \prod_{j=1}^n (\mathbf{M}^{a_{1j}})^{x_j} \\
1 &= \mathbf{M}^{a_{11}x_1} \mathbf{M}^{a_{12}x_2} \mathbf{M}^{a_{13}x_3} \\
1 &= \mathbf{M}^{a_{11}x_1 + a_{12}x_2 + a_{13}x_3}; \Rightarrow \\
0 &= a_{11}x_1 + a_{12}x_2 + a_{13}x_3 + \dots + a_{1n}x_n \\
1 &= \prod_{j=1}^n (\mathbf{M}^{a_{1j}})^{x_j} (\mathbf{L}^{a_{2j}})^{x_j} (\mathbf{T}^{a_{3j}})^{x_j} \Rightarrow \\
0 &= a_{11}x_1 + a_{12}x_2 + a_{13}x_3 + \dots + a_{1n}x_n \\
0 &= a_{21}x_1 + a_{22}x_2 + a_{23}x_3 + \dots + a_{2n}x_n \\
0 &= a_{31}x_1 + a_{32}x_2 + a_{33}x_3 + \dots + a_{3n}x_n
\end{aligned}$$

Lá atrás!!!

$$\begin{aligned}
\Pi'_1 &= \rho D^a U^b F^c, \\
\Pi'_2 &= \nu D^a U^b F^c.
\end{aligned}$$

Se tudo for feito certinho,

$$\begin{aligned}
\Pi'_1 &= (\Pi_1)^\alpha (\Pi_2)^\beta, \\
\Pi'_2 &= (\Pi_1)^\gamma (\Pi_2)^\delta.
\end{aligned}$$