Free in wB

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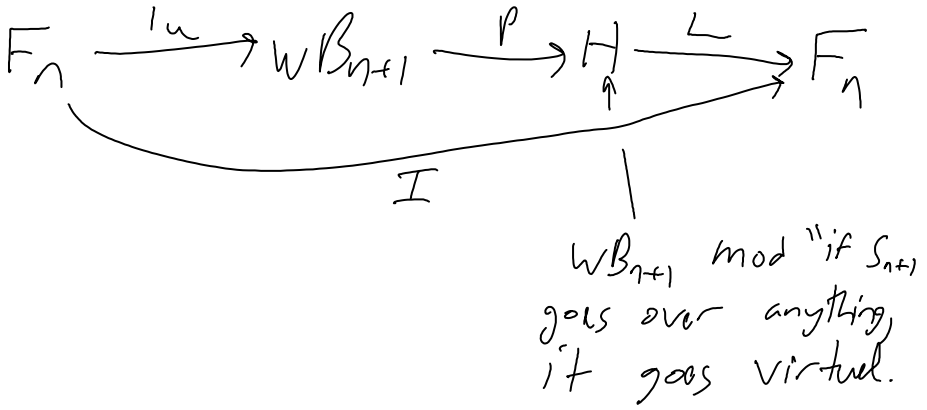
claim $i_u : F_1 \longrightarrow wB_{n+1}$ is an injection.

Pf



$$L(B\gamma) = L(B)\gamma \qquad L(\gamma B) = \gamma^B$$

$$L(ab) = \psi(b)L(a) \cdot L(b)$$

$$P_{n+1} = P_n \wr F_n$$

In this case, $\pi_1 : P_{n+1} \to P_n$ is a group homomorphism. What do you call π_2?

$$L\beta := (\tau d\beta)^{-1}\beta$$