Additional notes for Lecture One.
THEOREM
DP ATP -> WIP. [If I assert both DP and TP Han I must assert the
WIP] as in the statement of the WIP
PROOF.
Fix & and suppose a, a' & X satisfy
$$f_X(x | a) = f_X(a' | a)$$

Let $g: X \to X$ be the function which switches at for a' but heaves all other
elements unchanged. For $\hat{a} \in X$ Han
 $g(\hat{x}) = \begin{cases} x' & \text{if } \hat{a} = x & (g(x) = x') \\ \hat{x} & \text{if } \hat{x} \neq x \end{cases}$
 $E_V(\begin{cases} x') = E_V(\begin{cases} 2, x' \end{pmatrix} = E_V(\begin{cases} 2, x' \end{pmatrix}$ so apply the DP].
 $= E_V(\begin{cases} 2, x \end{pmatrix}$ to the TP]
which gives the WIP.