(pm + pm greedy direction)

Lets assume PM>Pn then TIMM Pn = XMM Pm is unconditionally accepted

And Thumpm = Ph xnn Pm - conditionally accept it, where by design pm concels on the RHS -> Thoma pm = xnm Pn

The detail belock conditions means  $\sum_{n} \pi_{mn} p_{n} = \sum_{n} \pi_{mn} p_{m} = \sum_{n} \pi_{mn} p_{m}$  Where the sum is over  $n \ni so we can leave out <math>p_{m,i}$  hence  $\sum_{n} \pi_{mn} p_{n} = \sum_{n} \pi_{nn} p_{m} = \left(\sum_{n} \pi_{nm}\right) p_{m} = \left(1\right) p_{m}$  which is the normalization condition given that your instate m

TTP = P mesung & Time Pn = Pm using Time Pn = Time Pm for which  $Tmn = \begin{cases} x_{mn} & pm \neq pn & m \neq n \\ (pm/pn) dmn, & pm \neq pn & m \neq n \end{cases}$   $(1-\sum_{i=1}^{n} Timn, & m \neq n \end{cases}$ then somming over each roudition above: (when Our concess inthe 2nd term) simplifies to.

Were the 2nd term, 5 now param (nesm)

And to third for concle with 5:18+

here: = pm