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• pick 
$$P_{S^{n}0}$$
,  $P_{S^{n}1}$   
 $ad + bke  $q^{\circ} \leq P_{S^{n}0}$ ,  $b_{0} \in Q_{-} d, q^{\circ} \parallel F(0) = b_{0}^{\circ}$   
 $q^{a} \leq P_{S^{n}1}$ ,  $b_{1}^{\circ} \in Q_{-} d, q^{\circ} \parallel F(0) = b_{1}^{\circ}$   
 $p^{\circ} = q^{\circ} \cup q^{a} \in S$  and  $sten(p_{\circ}) = S$   
 $B_{0} := \{b_{0}, b_{1}\}$$ 

Г

 $P_{s_{0}}^{\circ} \ge q^{\circ}, b_{0}^{\dagger} \qquad q^{\circ} HF(s)=b_{0}^{\dagger} \qquad (1)$   $P_{s_{0}}^{\circ} \ge q^{2}, b_{1}^{\dagger} \qquad q^{\circ} HF(s)=b_{1}^{\dagger}$   $P_{s_{0}}^{\circ} \ge q^{2}, b_{2}^{\dagger} \qquad q^{2} HF(s)=b_{2}^{\dagger}$   $P_{s_{0}}^{\circ} \ge q^{2}, b_{3}^{\dagger} \qquad q^{3} HF(s)=b_{3}^{\dagger}$   $P_{s_{0}}^{\circ} \ge q^{3}, b_{3}^{\dagger} \qquad q^{3} HF(s)=b_{3}^{\dagger}$  $P^{1} = q^{0} u q^{3} u q^{2} u q^{3} a d B^{1} = \{b^{3}, b^{3}, b^{3}$ 

By noticition, we proceed analogously and we get  

$$\{P^{n}: m_{GW}\} \quad of these in S st.$$

$$P^{n+1} = P^{n}$$

$$P^{n+1} ad P^{n} hore the same Kth-spectroder,
for K = m+1$$
And so  $\bigcap_{m \in W} P_{n} =: q \in S$   
Further  $Gt \quad B = \bigcup_{m \in W} B_{m}$   
CLAIM:  
 $q \mid |f - TGM(F) \leq B$   
 $q \mid |f - TGM(F) \leq B$   
 $q \mid |f - F(0) = b^{0} \vee F(s) = b^{0}$   
 $q \mid |F \bigvee_{m \in W} F(s) = b^{0}$ ;  
 $J \leq j$ 

As lost time, put 
$$p := \bigcap_{men} p_m \in S$$
  
and  $p \in M$ -Vmew (Ximi < Yimi).  
  
OTHER EXAMPLON  
MILLER FORCING III := poset Guesstup of perfect theor  $p \le u^{cu}$   
s.t.  $Vtep$ ,  $tespelding \Rightarrow \exists infinitely$   
Mary mew set  $timep$ 









