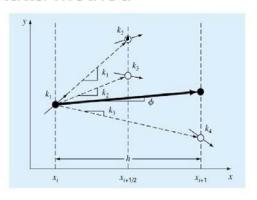
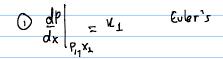
Classic 4th-order Runge-Kutta Method

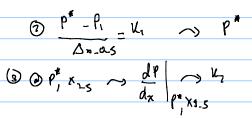


Methods

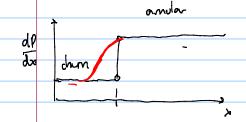
32

Prof. Jinbo Bi CSE, UConn





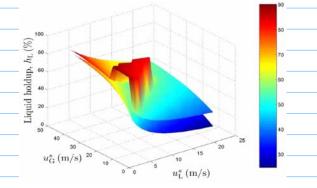
$$y^*(t_0+h)=y^*(t_0)+rac{k_1+2k_2+2k_3+k_4}{6}h$$

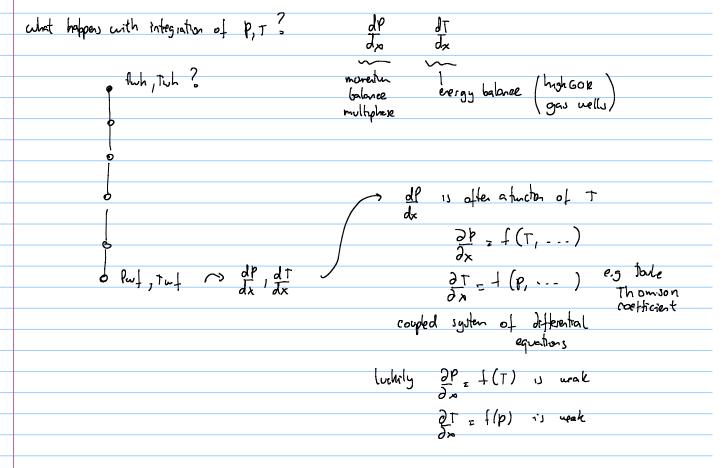


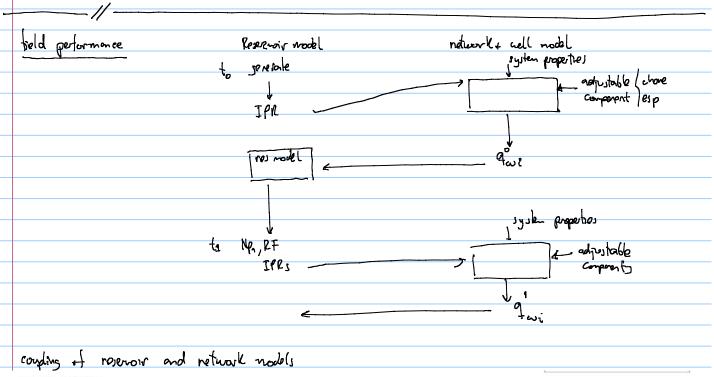
X15

 χ_{χ}

How pattern based dp model looks have

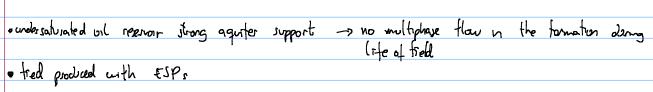






SPE 65159

Linking reservoir and surface simulators: how to improve the coupled solutions C. C. Barroux, Institut Francais du Petrole, P. Duchet-Suchaux, TotalFinaElf S.A., P. Samier, TotalFinaElf S.A., R. Nabil, Gaz de France



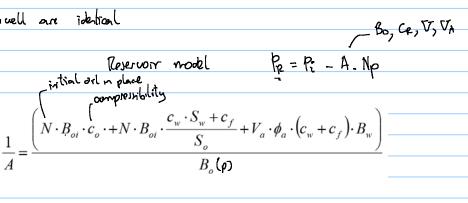


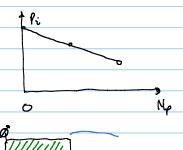
· well are standalore (no surface network)



ovell an

Material balance





well model

ESP can operate about a minimum botherhole persone Prox > PL(Te)

for "N" number of identical wells

initral maximum production

man field rate @ Np

