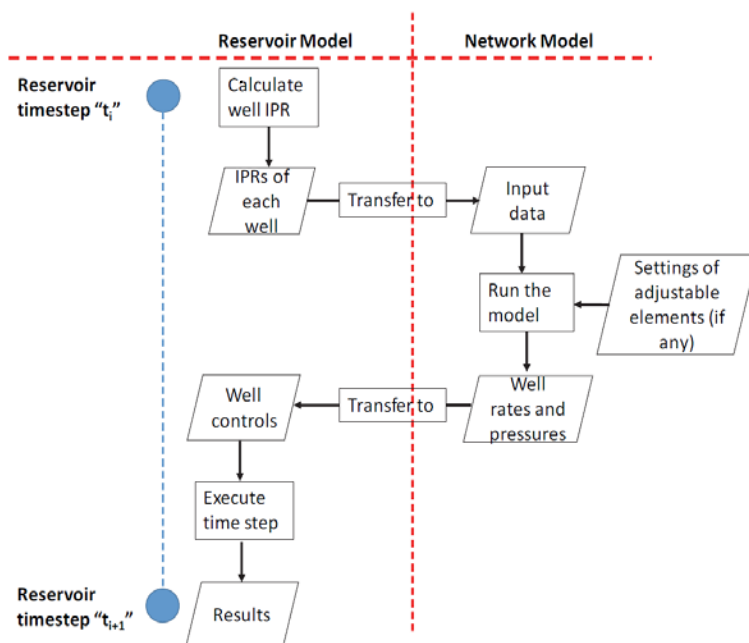
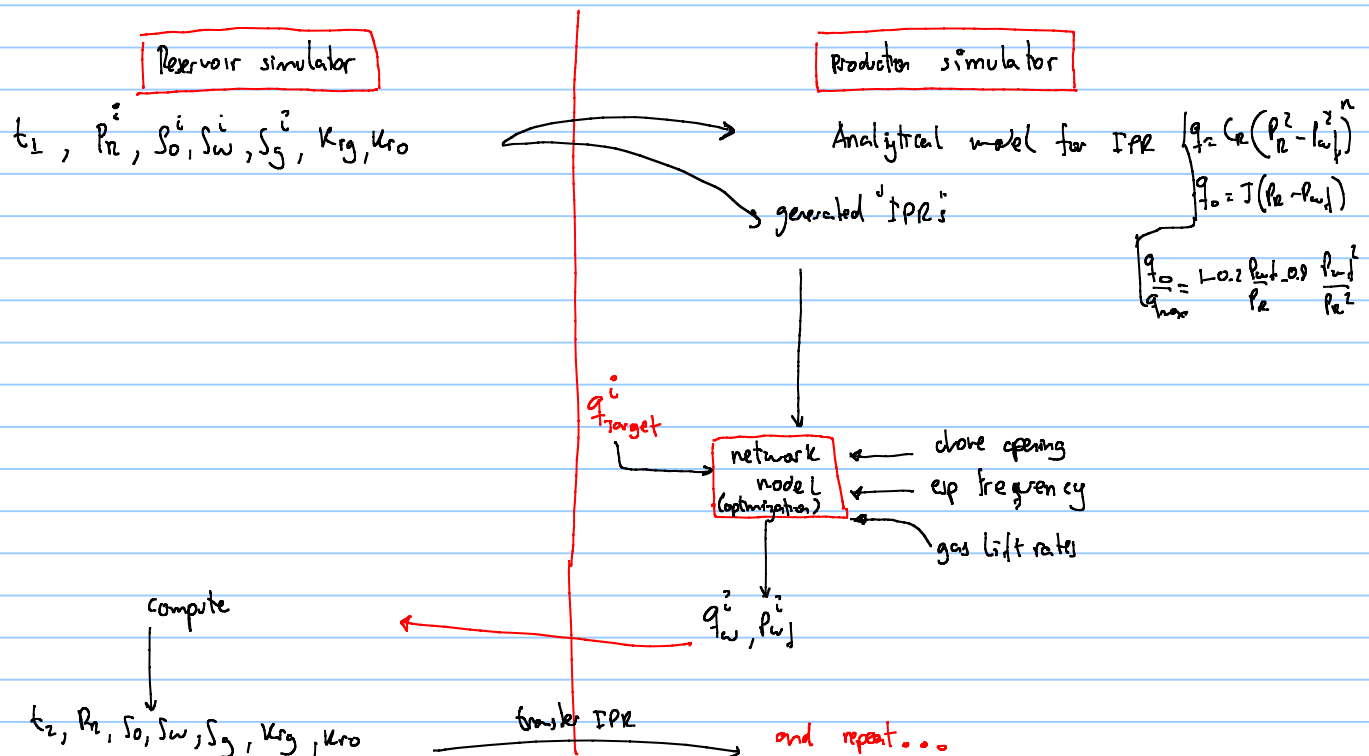


Youtube nr. 20

Coupling reservoir + production simulators network well

- porous media
- wellbore flow can be included with tubing tables
- transient
- fracture + pipeline + wellbore flow
- steady state ($\partial/\partial t = 0$)
- runs with IPR as boundary conditions on cell

Example of explicit coupling strategy



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implicit coupling: requires either

- solving all equations simultaneously
- re-run the step until some convergence is achieved