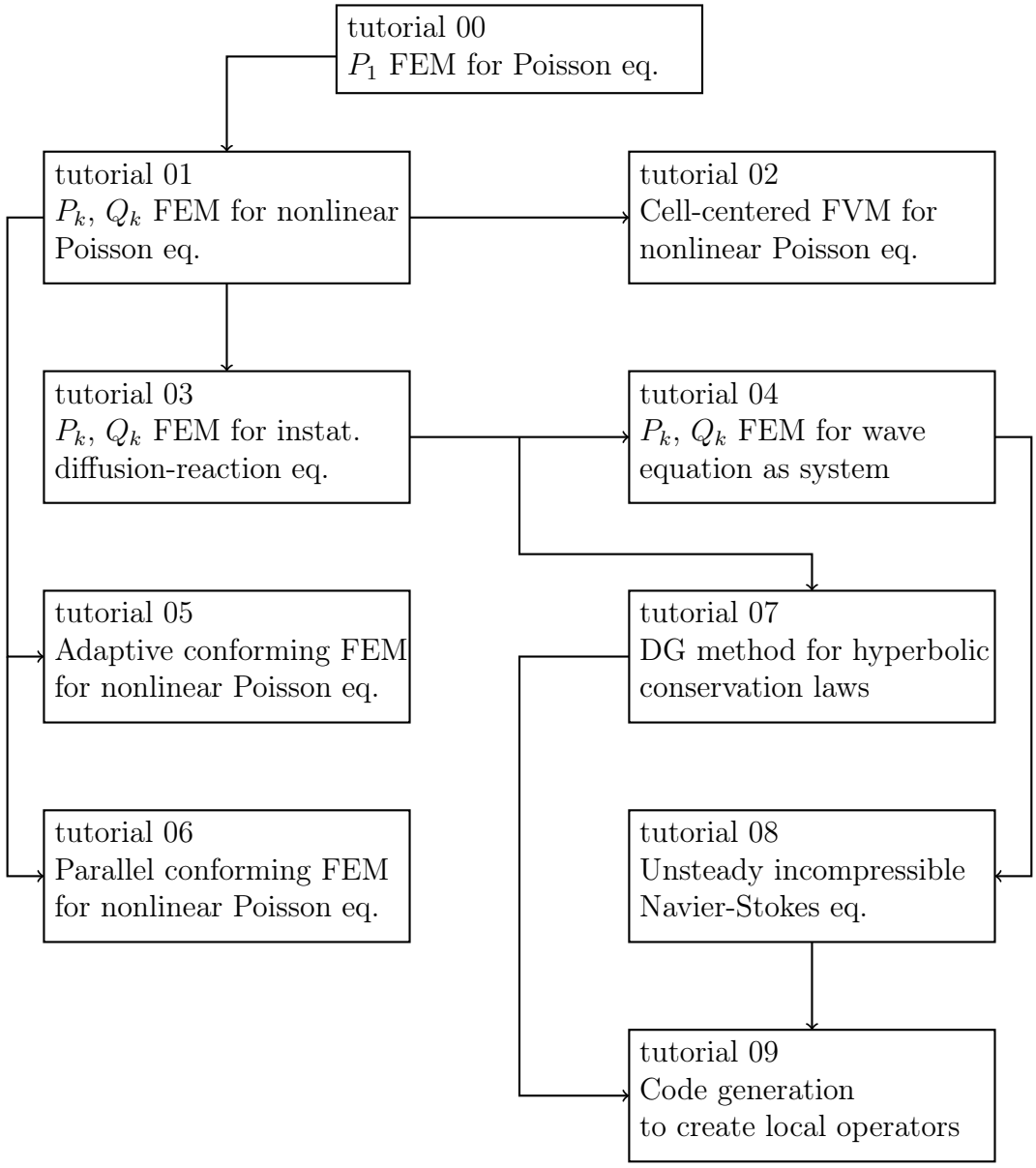
tutorial 00
P_1 FEM for Poisson eq.
tutorial 01
P_k, Q_k FEM for nonlinear Poisson eq.
tutorial 02
Cell-centered FVM for nonlinear Poisson eq.
tutorial 03
P_k, Q_k FEM for instat. diffusion-reaction eq.
tutorial 04
P_k, Q_k FEM for wave equation as system
tutorial 05
Adaptive conforming FEM for nonlinear Poisson eq.
tutorial 07
DG method for hyperbolic conservation laws
tutorial 06
Parallel conforming FEM for nonlinear Poisson eq.
tutorial 08
Unsteady incompressible Navier-Stokes eq.
tutorial 09
Code generation to create local operators