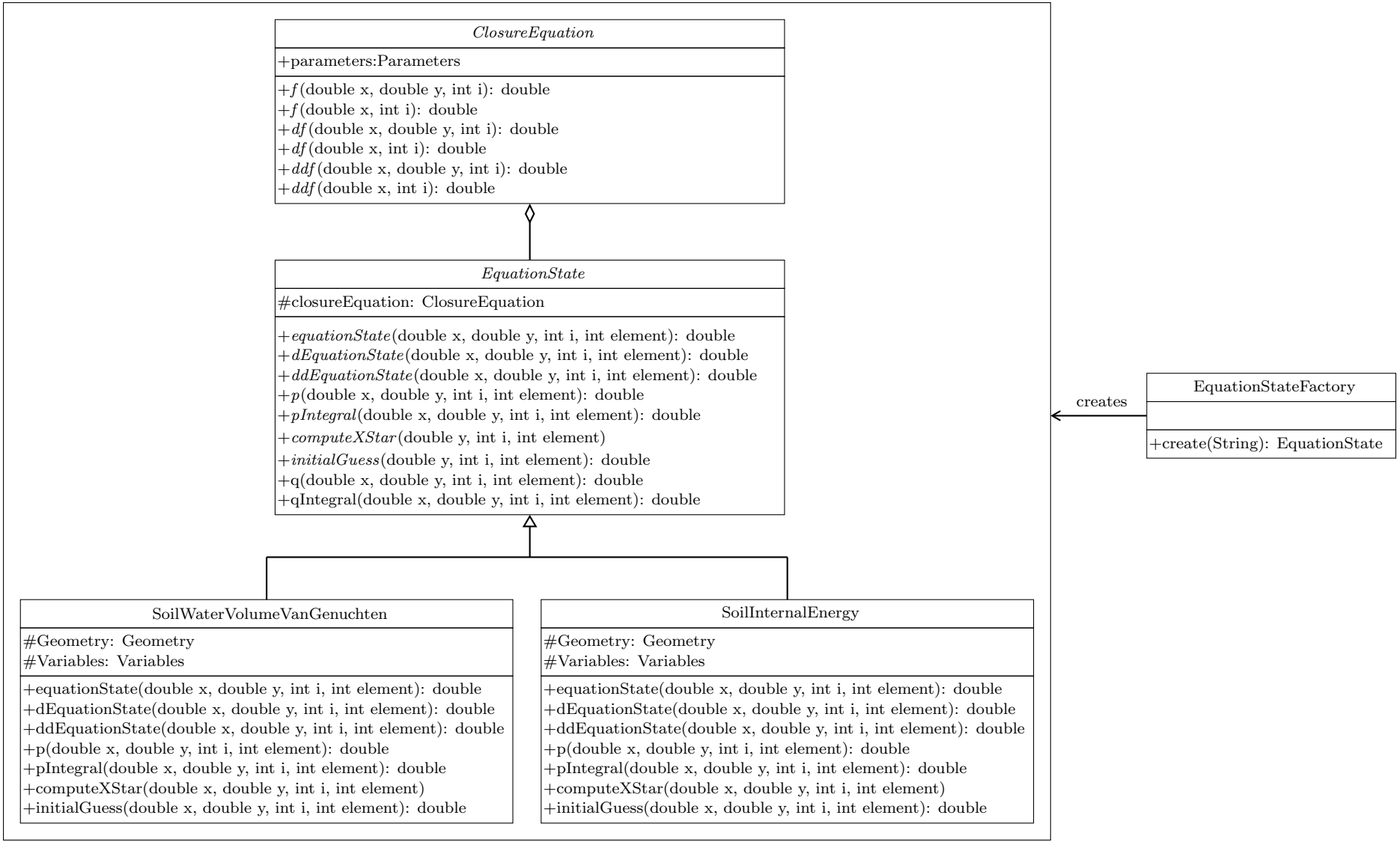
ClosureEquation
+parameters:Parameters
+f(double x, double y, int i): double
+f(double x, int i): double
+df(double x, double y, int i): double
+df(double x, int i): double
+ddf(double x, double y, int i): double
+ddf(double x, int i): double
EquationState
#closureEquation: ClosureEquation
+equationState(double x, double y, int i, int element): double
+dEquationState(double x, double y, int i, int element): double
+ddEquationState(double x, double y, int i, int element): double
+p(double x, double y, int i, int element): double
+pIntegral(double x, double y, int i, int element): double
+computeXStar(double y, int i, int element)
+initialGuess(double y, int i, int element): double
+q(double x, double y, int i, int element): double
+qIntegral(double x, double y, int i, int element): double
creates
EquationStateFactory
+create(String): EquationState
SoilWaterVolumeVanGenuchten
#Geometry: Geometry
#Variables: Variables
+equationState(double x, double y, int i, int element): double
+dEquationState(double x, double y, int i, int element): double
+ddEquationState(double x, double y, int i, int element): double
+p(double x, double y, int i, int element): double
+pIntegral(double x, double y, int i, int element): double
+computeXStar(double x, double y, int i, int element)
+initialGuess(double x, double y, int i, int element): double
SoilInternalEnergy
#Geometry: Geometry
#Variables: Variables
+equationState(double x, double y, int i, int element): double
+dEquationState(double x, double y, int i, int element): double
+ddEquationState(double x, double y, int i, int element): double
+p(double x, double y, int i, int element): double
+pIntegral(double x, double y, int i, int element): double
+computeXStar(double x, double y, int i, int element)
+initialGuess(double x, double y, int i, int element): double