```
variables = Association["indVars"->{n,t}, "depVars"->{u}, "pars"->{a},
  "scheme"->{u[n,t+1]-u[n,t]-u[n,t]*(a*(u[n+1,t]-u[n,t])+(1-a)*(u[n,t]-u[n-1,t]))}];
        expression = u[n,t];
        DiscreteConservedQOperator[variables][expression]
```