```
vector< vector< double > >
          Matrix
     + Matrix()
     + Matrix()
     + Matrix()
     + getNrows()
     + getNcols()
     + operator=()
     + operator-()
     + one_norm()
+ two_norm()
     + uniform_norm()
              #matrix
         Scheme
# sizeOfMatrix
# sizeT
# sizeX
# deltaT
# deltaX
#PI
# u
+ Scheme()
+ SaveResultIntoFiles()
+ AnalyticalSolution()
+ ComputeNorms()
+ PrintResult()
+ GetMatrix()
+ GetDeltaT()
+ ~Scheme()
# InitialCondition()
# BoundryCondition()
# InsertDeltaT()
# ComputeSizeOfMatrix()
     ImplicitScheme
 - A
 - B
 - C
 - D
 + ImplicitScheme()
 + ImplicitUpWindFTBS()
 + ImplicitFTCS()
 + ~ImplicitScheme()
```

ThomasAlgorithm()