

```
/_w/GQCP/GQCP/gqcp  
/include/Mathematical  
/Optimization/Eigenproblem  
/Davidson/SubspaceMatrixDiagonalization.hpp
```

```
graph TD; A["/_w/GQCP/GQCP/gqcp  
/include/Mathematical  
/Optimization/Eigenproblem  
/Davidson/SubspaceMatrixDiagonalization.hpp"] <--> B["/_w/GQCP/GQCP/gqcp  
/include/Mathematical  
/Optimization/Eigenproblem  
/Davidson/DavidsonSolver.hpp"]; B <--> C["/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp"]; C <--> A;
```

A diagram illustrating the relationships between three header files. The top box (grey background) represents `SubspaceMatrixDiagonalization.hpp`. The middle box (white background) represents `DavidsonSolver.hpp`. The bottom box (white background) represents `gqcp.hpp`. Blue arrows indicate dependencies: `SubspaceMatrixDiagonalization.hpp` depends on `DavidsonSolver.hpp`, `DavidsonSolver.hpp` depends on `gqcp.hpp`, and `gqcp.hpp` depends on `SubspaceMatrixDiagonalization.hpp`.

```
/_w/GQCP/GQCP/gqcp  
/include/Mathematical  
/Optimization/Eigenproblem  
/Davidson/DavidsonSolver.hpp
```

```
/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp
```