

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

```
graph TD; A["/_w/GQCP/GQCP/gqcp  
/include/Mathematical  
/Optimization/Eigenproblem  
/Davidson/SubspaceMatrixCalculation.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 C++ header files. The top box (grey background) represents `SubspaceMatrixCalculation.hpp`. The middle box (white background) represents `DavidsonSolver.hpp`. The bottom box (white background) represents `gqcp.hpp`. Blue arrows indicate dependencies: straight arrows point from `DavidsonSolver.hpp` to `SubspaceMatrixCalculation.hpp` and from `gqcp.hpp` to `DavidsonSolver.hpp`; curved arrows point from `gqcp.hpp` to `SubspaceMatrixCalculation.hpp` and from `SubspaceMatrixCalculation.hpp` to `gqcp.hpp`, indicating mutual dependencies.

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

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