

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

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

The diagram illustrates the dependencies between three header files. The top box (grey) represents `ResidualVectorCalculation.hpp`, the middle box (white) represents `DavidsonSolver.hpp`, and the bottom box (white) represents `gqcp.hpp`. Blue arrows indicate that each file depends on the other two, forming a fully connected dependency graph.

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

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