

Python 3.9.7 (default, Sep 16 2021, 16:58:32) [MSC v.1916 32 bit (Intel)]
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IPython 7.29.0 -- An enhanced Interactive Python.

In [1]:

Collecting qpsolvers

Using cached qpsolvers-1.7.1-py3-none-any.whl (35 kB)

Requirement already satisfied: numpy>=1.20.2 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (1.20.3)

Collecting qdldl>=0.1.5

Using cached qdldl-0.1.5.post0.tar.gz (69 kB)

Preparing metadata (setup.py): started

Preparing metadata (setup.py): finished with status 'done'

Requirement already satisfied: quadprog>=0.1.8 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (0.1.10)

Requirement already satisfied: scipy>=1.3.3 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (1.6.2)

Requirement already satisfied: Cython>=0.29.22 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (0.29.24)

Building wheels for collected packages: qdldl

Building wheel for qdldl (setup.py): started

Building wheel for qdldl (setup.py): finished with status 'error'

Running setup.py clean for qdldl

Failed to build qdldl

Installing collected packages: qdldl, qpsolvers

Running setup.py install for qdldl: started

Running setup.py install for qdldl: finished with status 'error'

Note: you may need to restart the kernel to use updated packages.

ERROR: Command errored out with exit status 1:

```
command: 'C:\Users\wchih\anaconda3\python.exe' -u -c 'import io, os, sys,
setuptools, tokenize; sys.argv[0] = '''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-
install-oe32fxit\\qdldl_538cea8d5d9b4a6fa4ce3f55c7f5574a\\setup.py'''';
__file__='''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-install-oe32fxit\\
\\qdldl_538cea8d5d9b4a6fa4ce3f55c7f5574a\\setup.py'''';f = getattr(tokenize,
''''open'''', open)(__file__) if os.path.exists(__file__) else io.StringIO(''''from
setuptools import setup; setup()''''');code = f.read().replace('''\r\n''',
'''\n''');f.close();exec(compile(code, __file__, '''exec'''))''' bdist_wheel -d
'C:\Users\wchih\AppData\Local\Temp\pip-wheel-tqxs8s1j'
```

```
cwd: C:\Users\wchih\AppData\Local\Temp\pip-install-oe32fxit
\\qdldl_538cea8d5d9b4a6fa4ce3f55c7f5574a\
```

Complete output (29 lines):

running bdist_wheel

running build

running build_ext

-- Selecting Windows SDK version to target Windows 10.0.19044.

CMake Error at CMakeLists.txt:4 (project):

Failed to run MSBuild command:

```
MSBuild.exe
```

to get the value of VCTargetsPath:

```
The system cannot find the file specified
```

-- Configuring incomplete, errors occurred!

See also "C:/Users/wchih/AppData/Local/Temp/pip-install-oe32fxit/

```

qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a/c/build/CMakeFiles/CMakeOutput.log".
The system cannot find the file specified
CMake Error: Generator: execution of make failed. Make command was: MSBuild.exe
qlddlamd.vcxproj /p:Configuration=Release /p:Platform=Win32 /p:VisualStudioVersion=14.0
/v:m &&
building 'qlddl' extension
creating build
creating build\temp.win32-3.9
creating build\temp.win32-3.9\Release
creating build\temp.win32-3.9\Release\cpp
C:\Program Files\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC
\14.29.30133\bin\HostX86\x86\cl.exe /c /nologo /Ox /W3 /GL /DNDEBUG /MD -Ic -Ic\qlddl
\include -IC:\Users\wchih\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih
\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih\anaconda3\include -IC:
\Users\wchih\anaconda3\include -IC:\Program Files\Microsoft Visual Studio
\2019\Professional\VC\Tools\MSVC\14.29.30133\ATLMFC\include -IC:\Program Files
\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC\14.29.30133\include -IC:
\Program Files\Windows Kits\NETFXSDK\4.8\include\um -IC:\Program Files\Windows Kits
\10\include\10.0.22000.0\ucrt -IC:\Program Files\Windows Kits\10\include
\10.0.22000.0\shared -IC:\Program Files\Windows Kits\10\include\10.0.22000.0\um -IC:
\Program Files\Windows Kits\10\include\10.0.22000.0\winrt -IC:\Program Files\Windows
Kits\10\include\10.0.22000.0\cppwinrt /EHsc /Tpcpp\qlddl.cpp /Fobuild
\temp.win32-3.9\Release\cpp\qlddl.obj -std=c++11
cl : Command line warning D9002 : ignoring unknown option '-std=c++11'
qlddl.cpp
c\qlddl/include/qlddl.h(5): fatal error C1083: Cannot open include file:
'qlddl_types.h': No such file or directory
error: command 'C:\\Program Files\\Microsoft Visual Studio\\2019\\Professional\\VC\\
Tools\\MSVC\\14.29.30133\\bin\\HostX86\\x86\\cl.exe' failed with exit code 2
-----
ERROR: Failed building wheel for qlddl
ERROR: Command errored out with exit status 1:
command: 'C:\Users\wchih\anaconda3\python.exe' -u -c 'import io, os, sys,
setuptools, tokenize; sys.argv[0] = '''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-
install-oe32fxit\\qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a\\setup.py'''';
__file__='''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-install-oe32fxit\\
qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a\\setup.py'''';f = getattr(tokenize,
''''open'''', open)(__file__) if os.path.exists(__file__) else io.StringIO('''''from
setuptools import setup; setup()''''');code = f.read().replace('''''\r\n''''',
''''\n''''');f.close();exec(compile(code, __file__, '''exec'''))' install --record
'C:\Users\wchih\AppData\Local\Temp\pip-record-anspm7jn\install-record.txt' --single-
version-externally-managed --compile --install-headers 'C:\Users\wchih
\anaconda3\Include\qlddl'
cwd: C:\Users\wchih\AppData\Local\Temp\pip-install-oe32fxit
\qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a\
Complete output (31 lines):
running install
C:\Users\wchih\anaconda3\lib\site-packages\setuptools\command\install.py:34:
SetuptoolsDeprecationWarning: setup.py install is deprecated. Use build and pip and
other standards-based tools.
warnings.warn(
running build
running build_ext
-- Selecting Windows SDK version to target Windows 10.0.19044.
CMake Error at CMakeLists.txt:4 (project):
Failed to run MSBuild command:

MSBuild.exe

```

to get the value of VCTargetsPath:

The system cannot find the file specified

```
-- Configuring incomplete, errors occurred!
See also "C:/Users/wchih/AppData/Local/Temp/pip-install-oe32fxit/
qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a/c/build/CMakeFiles/CMakeOutput.log".
The system cannot find the file specified
CMake Error: Generator: execution of make failed. Make command was: MSBuild.exe
qlddlamd.vcxproj /p:Configuration=Release /p:Platform=Win32 /p:VisualStudioVersion=14.0
/v:m &&
building 'qlddl' extension
creating build
creating build\temp.win32-3.9
creating build\temp.win32-3.9\Release
creating build\temp.win32-3.9\Release\cpp
C:\Program Files\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC
\14.29.30133\bin\HostX86\x86\cl.exe /c /nologo /Ox /W3 /GL /DNDEBUG /MD -Ic -Ic\qlddl
\include -IC:\Users\wchih\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih
\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih\anaconda3\include -IC:
\Users\wchih\anaconda3\include -IC:\Program Files\Microsoft Visual Studio
\2019\Professional\VC\Tools\MSVC\14.29.30133\ATLMFC\include -IC:\Program Files
\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC\14.29.30133\include -IC:
\Program Files\Windows Kits\NETFXSDK\4.8\include\um -IC:\Program Files\Windows Kits
\10\include\10.0.22000.0\ucrt -IC:\Program Files\Windows Kits\10\include
\10.0.22000.0\shared -IC:\Program Files\Windows Kits\10\include\10.0.22000.0\um -IC:
\Program Files\Windows Kits\10\include\10.0.22000.0\winrt -IC:\Program Files\Windows
Kits\10\include\10.0.22000.0\cppwinrt /EHsc /Tpcpp\qlddl.cpp /Fobuild
\temp.win32-3.9\Release\cpp\qlddl.obj -std=c++11
cl : Command line warning D9002 : ignoring unknown option '-std=c++11'
qlddl.cpp
c\qlddl/include/qlddl.h(5): fatal error C1083: Cannot open include file:
'qlddl_types.h': No such file or directory
error: command 'C:\\Program Files\\Microsoft Visual Studio\\2019\\Professional\\VC\\
Tools\\MSVC\\14.29.30133\\bin\\HostX86\\x86\\cl.exe' failed with exit code 2
```

```
-----
ERROR: Command errored out with exit status 1: 'C:\Users\wchih\anaconda3\python.exe' -u
-c 'import io, os, sys, setuptools, tokenize; sys.argv[0] = '''C:\\Users\\wchih\\
\AppData\\Local\\Temp\\pip-install-oe32fxit\\qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a\\
\setup.py''''; __file__='''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-install-
oe32fxit\\qlddl_538cea8d5d9b4a6fa4ce3f55c7f5574a\\setup.py'''';f = getattr(tokenize,
''''open'''', open)(__file__) if os.path.exists(__file__) else io.StringIO('''''from
setuptools import setup; setup()''''');code = f.read().replace('''''\r\n'''',
''''\n''''');f.close();exec(compile(code, __file__, '''exec'''))' install --record
'C:\Users\wchih\AppData\Local\Temp\pip-record-anspm7jn\install-record.txt' --single-
version-externally-managed --compile --install-headers 'C:\Users\wchih
\anaconda3\Include\qlddl' Check the logs for full command output.
```

```
In [2]:          0 'C:/Users/wchih/.spyder-py3/temp.py'
File "C:\Users\wchih\.spyder-py3\temp.py", line 8
pip install qpsolvers
```

SyntaxError: invalid syntax

```
In [3]:          0 'C:/Users/wchih/.spyder-py3/temp.py'
File "C:\Users\wchih\.spyder-py3\temp.py", line 8
```

```
pip install qpsolvers
```

SyntaxError: invalid syntax

```
In [4]:          0 'C:/Users/wchih/.spyder-py3/temp.py'  
File "C:\Users\wchih\.spyder-py3\temp.py", line 8  
pip install qpsolvers
```

SyntaxError: invalid syntax

```
In [5]:          0 'C:/Users/wchih/.spyder-py3/temp.py'  
File "C:\Users\wchih\.spyder-py3\temp.py", line 8  
pip install qpsolvers
```

SyntaxError: invalid syntax

In [6]:

Collecting qpsolvers

Using cached qpsolvers-1.7.1-py3-none-any.whl (35 kB)

Requirement already satisfied: Cython>=0.29.22 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (0.29.24)

Requirement already satisfied: quadprog>=0.1.8 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (0.1.10)

Requirement already satisfied: scipy>=1.3.3 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (1.6.2)

Collecting qdldl>=0.1.5

Using cached qdldl-0.1.5.post0.tar.gz (69 kB)

Preparing metadata (setup.py): started

Preparing metadata (setup.py): finished with status 'done'

Requirement already satisfied: numpy>=1.20.2 in c:\users\wchih\anaconda3\lib\site-packages (from qpsolvers) (1.20.3)

Building wheels for collected packages: qdldl

Building wheel for qdldl (setup.py): started

Building wheel for qdldl (setup.py): finished with status 'error'

Running setup.py clean for qdldl

Failed to build qdldl

Installing collected packages: qdldl, qpsolvers

Running setup.py install for qdldl: started

Running setup.py install for qdldl: finished with status 'error'

Note: you may need to restart the kernel to use updated packages.

ERROR: Command errored out with exit status 1:

```
command: 'C:\Users\wchih\anaconda3\python.exe' -u -c 'import io, os, sys,  
setuptools, tokenize; sys.argv[0] = ''''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-  
install-99kusox8\\qdldl_8bbe30ace29a46719b6c77a95a5f3489\\setup.py'''';  
__file__ = ''''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-install-99kusox8\\  
qdldl_8bbe30ace29a46719b6c77a95a5f3489\\setup.py'''';f = getattr(tokenize,  
''''open''''', open)(__file__) if os.path.exists(__file__) else io.StringIO('''''from  
setuptools import setup; setup()''''');code = f.read().replace('''''\r\n''''',  
''''\n''''');f.close();exec(compile(code, __file__, ''''exec''''))' bdist_wheel -d  
'C:\Users\wchih\AppData\Local\Temp\pip-wheel-ywf4ryna'
```

```
cwd: C:\Users\wchih\AppData\Local\Temp\pip-  
install-99kusox8\qdldl_8bbe30ace29a46719b6c77a95a5f3489\
```

Complete output (29 lines):

running bdist_wheel

running build

running build_ext

```
-- Selecting Windows SDK version to target Windows 10.0.19044.
CMake Error at CMakeLists.txt:4 (project):
  Failed to run MSBuild command:
```

```
MSBuild.exe
```

```
to get the value of VCTargetsPath:
```

```
The system cannot find the file specified
```

```
-- Configuring incomplete, errors occurred!
```

```
See also "C:/Users/wchih/AppData/Local/Temp/pip-install-99kusox8/
qlddl_8bbe30ace29a46719b6c77a95a5f3489/c/build/CMakeFiles/CMakeOutput.log".
```

```
The system cannot find the file specified
```

```
CMake Error: Generator: execution of make failed. Make command was: MSBuild.exe
qlddlamd.vcxproj /p:Configuration=Release /p:Platform=Win32 /p:VisualStudioVersion=14.0
/v:m &&
```

```
building 'qlddl' extension
```

```
creating build
```

```
creating build\temp.win32-3.9
```

```
creating build\temp.win32-3.9\Release
```

```
creating build\temp.win32-3.9\Release\cpp
```

```
C:\Program Files\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC
\14.29.30133\bin\HostX86\x86\cl.exe /c /nologo /Ox /W3 /GL /DNDEBUG /MD -Ic -Ic\qlddl
\include -IC:\Users\wchih\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih
\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih\anaconda3\include -IC:
\Users\wchih\anaconda3\include -IC:\Program Files\Microsoft Visual Studio
\2019\Professional\VC\Tools\MSVC\14.29.30133\ATLMFC\include -IC:\Program Files
\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC\14.29.30133\include -IC:
\Program Files\Windows Kits\NETFXSDK\4.8\include\um -IC:\Program Files\Windows Kits
\10\include\10.0.22000.0\ucrt -IC:\Program Files\Windows Kits\10\include
\10.0.22000.0\shared -IC:\Program Files\Windows Kits\10\include\10.0.22000.0\um -IC:
\Program Files\Windows Kits\10\include\10.0.22000.0\winrt -IC:\Program Files\Windows
Kits\10\include\10.0.22000.0\cppwinrt /EHsc /Tpcpp\qlddl.cpp /Fobuild
\temp.win32-3.9\Release\cpp\qlddl.obj -std=c++11
```

```
cl : Command line warning D9002 : ignoring unknown option '-std=c++11'
```

```
qlddl.cpp
```

```
c\qlddl/include/qlddl.h(5): fatal error C1083: Cannot open include file:
```

```
'qlddl_types.h': No such file or directory
```

```
error: command 'C:\\Program Files\\Microsoft Visual Studio\\2019\\Professional\\VC\\
Tools\\MSVC\\14.29.30133\\bin\\HostX86\\x86\\cl.exe' failed with exit code 2
```

```
-----
ERROR: Failed building wheel for qlddl
```

```
ERROR: Command errored out with exit status 1:
```

```
command: 'C:\Users\wchih\anaconda3\python.exe' -u -c 'import io, os, sys,
setuptools, tokenize; sys.argv[0] = ''''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-
install-99kusox8\\qlddl_8bbe30ace29a46719b6c77a95a5f3489\\setup.py'''';
__file__ = ''''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-install-99kusox8\\
qlddl_8bbe30ace29a46719b6c77a95a5f3489\\setup.py'''';f = getattr(tokenize,
''''open'''', open)(__file__) if os.path.exists(__file__) else io.StringIO('''''from
setuptools import setup; setup('''''');code = f.read().replace('''''\r\n''''',
''''\n''''');f.close();exec(compile(code, __file__, ''''exec''''))' install --record
'C:\Users\wchih\AppData\Local\Temp\pip-record-n51xj_bm\install-record.txt' --single-
version-externally-managed --compile --install-headers 'C:\Users\wchih
\anaconda3\Include\qlddl'
```

```
cwd: C:\Users\wchih\AppData\Local\Temp\pip-
install-99kusox8\qlddl_8bbe30ace29a46719b6c77a95a5f3489\
```

```
Complete output (31 lines):
running install
C:\Users\wchih\anaconda3\lib\site-packages\setuptools\command\install.py:34:
SetuptoolsDeprecationWarning: setup.py install is deprecated. Use build and pip and
other standards-based tools.
```

```
warnings.warn(
running build
running build_ext
-- Selecting Windows SDK version  to target Windows 10.0.19044.
CMake Error at CMakeLists.txt:4 (project):
Failed to run MSBuild command:
```

```
MSBuild.exe
```

```
to get the value of VCTargetsPath:
```

```
The system cannot find the file specified
```

```
-- Configuring incomplete, errors occurred!
See also "C:/Users/wchih/AppData/Local/Temp/pip-install-99kusox8/
qdldl_8bbe30ace29a46719b6c77a95a5f3489/c/build/CMakeFiles/CMakeOutput.log".
The system cannot find the file specified
CMake Error: Generator: execution of make failed. Make command was: MSBuild.exe
qdldlamd.vcxproj /p:Configuration=Release /p:Platform=Win32 /p:VisualStudioVersion=14.0
/v:m &&
```

```
building 'qdldl' extension
creating build
creating build\temp.win32-3.9
creating build\temp.win32-3.9\Release
creating build\temp.win32-3.9\Release\cpp
C:\Program Files\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC
\14.29.30133\bin\HostX86\x86\cl.exe /c /nologo /Ox /W3 /GL /DNDEBUG /MD -Ic -Ic\qdldl
\include -IC:\Users\wchih\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih
\anaconda3\lib\site-packages\pybind11\include -IC:\Users\wchih\anaconda3\include -IC:
\Users\wchih\anaconda3\include -IC:\Program Files\Microsoft Visual Studio
\2019\Professional\VC\Tools\MSVC\14.29.30133\ATLMFC\include -IC:\Program Files
\Microsoft Visual Studio\2019\Professional\VC\Tools\MSVC\14.29.30133\include -IC:
\Program Files\Windows Kits\NETFXSDK\4.8\include\um -IC:\Program Files\Windows Kits
\10\include\10.0.22000.0\ucrt -IC:\Program Files\Windows Kits\10\include
\10.0.22000.0\shared -IC:\Program Files\Windows Kits\10\include\10.0.22000.0\um -IC:
\Program Files\Windows Kits\10\include\10.0.22000.0\winrt -IC:\Program Files\Windows
Kits\10\include\10.0.22000.0\cppwinrt /EHsc /Tpcpp\qdldl.cpp /Fobuild
\temp.win32-3.9\Release\cpp\qdldl.obj -std=c++11
cl : Command line warning D9002 : ignoring unknown option '-std=c++11'
qdldl.cpp
c\qdldl/include/qdldl.h(5): fatal error C1083: Cannot open include file:
'qdldl_types.h': No such file or directory
error: command 'C:\\Program Files\\Microsoft Visual Studio\\2019\\Professional\\VC\\
Tools\\MSVC\\14.29.30133\\bin\\HostX86\\x86\\cl.exe' failed with exit code 2
```

```
-----
ERROR: Command errored out with exit status 1: 'C:\Users\wchih\anaconda3\python.exe' -u
-c 'import io, os, sys, setuptools, tokenize; sys.argv[0] = '''C:\\Users\\wchih\\
\AppData\\Local\\Temp\\pip-install-99kusox8\\qdldl_8bbe30ace29a46719b6c77a95a5f3489\\
\\setup.py''''; __file__='''C:\\Users\\wchih\\AppData\\Local\\Temp\\pip-
install-99kusox8\\qdldl_8bbe30ace29a46719b6c77a95a5f3489\\setup.py'''';f =
getattr(tokenize, '''open''', open)(__file__) if os.path.exists(__file__) else
io.StringIO('''from setuptools import setup; setup()''');code =
```

```
f.read().replace(''\n'', '\n');f.close();exec(compile(code, __file__,
''exec''))' install --record 'C:\Users\wchih\AppData\Local\Temp\pip-record-
n51xj_bm\install-record.txt' --single-version-externally-managed --compile --install-
headers 'C:\Users\wchih\anaconda3\Include\qdl1' Check the logs for full command
output.
```

In [7]: