Image Component Library - Bug #499

Does not build with C++98

2017-02-20 15:54 - Timo Korthals

Status:	New	**Start date:**	2017-02-20
Priority:	Low	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

The library does not build with the standard settings of gcc, so why not directly setting the standard to c++0x?

```
/opt/repositories/ICL/ICLCV/src/ICLCV/LensUndistortionCalibrator.cpp:177:70: error: in C++98 ‘s’ must be initialized by constructor,
 not by ‘{...}’
      CvSize s = { m_data->imageSize.width, m_data->imageSize.height };
```

History

#1 - 2017-02-22 08:45 - Timo Korthals

So even with c++11 it does not build.
The gnu++11 standard is required!?
Otherwise, the following message occurs (so why not directly setting this in CMakeLists.txt, when it is required anyway):

```
In file included from /opt/repositories/ICL/ICLGeom/src/ICLGeom/CoplanarPointPoseEstimator.cpp:39:0:
/opt/repositories/ICL/ICLMath/src/ICLMath/PolynomialSolver.h: In function ‘int icl::math::cpoly(int, const xcomplex*, icl::math::xcomplex*)’:
/opt/repositories/ICL/ICLMath/src/ICLMath/PolynomialSolver.h:411:41: error: unable to find numeric literal operator ‘operator""i’
      xcomplex PhiDiff = -0.069756473 + 0.99756405i;
                                      ^
/opt/repositories/ICL/ICLMath/src/ICLMath/PolynomialSolver.h:411:41: note: use -std=gnu++11 or -fext-numeric-literals to enable more built-in
 suffixes
/opt/repositories/ICL/ICLMath/src/ICLMath/PolynomialSolver.h:412:33: error: unable to find numeric literal operator ‘operator""i’
      xcomplex PhiRand = (1.0 - 1.0i) / sqrt(2.0);
                                 ^
```

#2 - 2017-11-22 22:23 - Alexander Neumann

Hi Timo,

I know this issue is quite old but do you still face this issue? Is it still relevant? What is your target platform?