

IEEE Standard Glossary of Image Processing and Pattern Recognition Terminology

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Abstract: IEEE Std 610.4-1990, *IEEE Standard Glossary of Image Processing and Pattern Recognition Terminology*, identifies terms currently in use in the field of Image Processing and Pattern Recognition. Standard definitions for those terms are established.

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Foreword

(This Foreword is not a part of IEEE Std 610.4-1990, IEEE Standard Glossary of Image Processing and Pattern Recognition Terminology.)

The computer field is continuing to expand. New terms are being generated and new meanings are being adopted for existing terms. The IEEE Computer Dictionary project was undertaken to document this vocabulary. Its purpose is to identify terms currently in use in the computer field and to establish standard definitions for these terms. The dictionary is intended to serve as a useful reference for those in the computer field and for those who come into contact with computers either through their work or in their everyday lives.

The completed dictionary will contain terms from twelve areas: Computer Hardware, Software Engineering, Mathematics of Computing, Theory of Computation, Computer Applications, Artificial Intelligence, Data Management, Image Processing and Pattern Recognition, Modeling and Simulation, Computer Graphics, Computer Networking, and Computer Security and Privacy. This glossary contains the terms related to Image Processing and Pattern Recognition.

Every effort has been made to use definitions from established standards in this dictionary. When existing standards were found to be incomplete, unclear, or inconsistent with other entries in the dictionary, however, new, revised, or composite definitions have been developed.

At the time this glossary was approved, the following people were the subgroup leaders of the Computer Dictionary working group:

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