

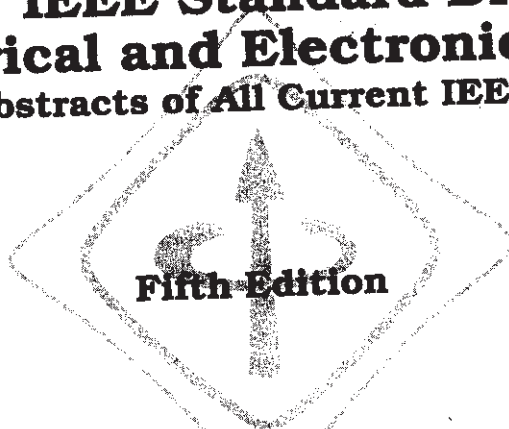
Exhibit 38

to Motorola's Responsive Claim Construction Brief

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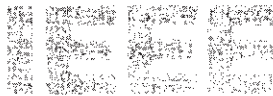
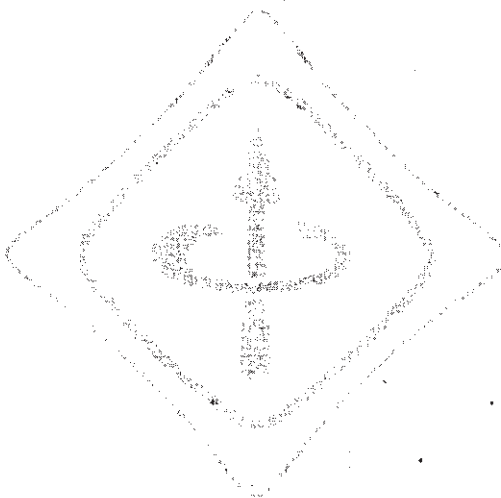
**The New IEEE Standard Dictionary
of Electrical and Electronics Terms**
[Including Abstracts of All Current IEEE Standards]



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- are single words. *Contrast with:* **automated glossary.** 610.2-1987
- automated glossary.** In machine-aided translation, an automated lexicon in which entries may consist of multiple words. *Contrast with:* **automated dictionary.** *Syn:* **terminology bank.** 610.2-1987
- automated language processing (ALP).** The application of data processing, word processing, and machine-aided translation to the processing or translation of natural languages. 610.2-1987
- automated lexicon.** A computer-resident table of source language and target language equivalents that serves as the central component in a machine-aided translation system. *See also:* **automated dictionary; automated glossary.** 610.2-1987
- automated office.** *See:* **electronic office.**
- automated teller machine (ATM).** An unattended terminal-type device that offers simple banking services such as cash withdrawals, transfer of funds between accounts, and account balance inquiry. *Syn:* **customer bank communications terminal.** 610.2-1987
- automated test case generator.** *See:* **automated test generator.** 729-1983
- automated test data generator.** *See:* **automated test generator.** 729-1983
- automated test generator (software).** A software tool that accepts as input a computer program and test criteria, generates test input data that meet these criteria, and, sometimes, determines the expected results. *See:* **computer program; data; software tool.** 729-1983
- automated thesaurus.** In machine-aided translation, a computer-resident thesaurus used in conjunction with an automated lexicon to handle words with multiple meanings. 610.2-1987
- automated verification system (software).** (A) A software tool that accepts as input a computer program and a representation of its specification, and produces, possibly with human help, a proof or disproof of the correctness of the program. (B) Any software tool that automates part or all of the verification process. 610.12-1990
- automated verification tools (software).** A class of software tools used to evaluate products of the software development process. These tools aid in the verification of such characteristics as correctness, completeness, consistency, traceability, testability, and adherence to standards. Examples are design analyzers, automated verification systems, static analyzers, dynamic analyzers, and standards enforcers. *See:* **automated verification systems; correctness; design analyzer; dynamic analyzer; software development process; software tool; standards enforcer; static analyzer; testability; tool; verification.** 729-1983
- automatic (1) (computer applications).** Pertaining to a function, operation, process, or device that, under specified conditions, functions without intervention by a human operator. 610.2-1987
- (2) (NESC).** Self-acting, operating by its own mechanism when actuated by some impersonal influence—as, for example, a change in current strength; not manual; without personal intervention. Remote control that requires personal intervention is not automatic, but manual. C2-1984
- (3) (supervisory control, data acquisition, and automatic control) (station control and data acquisition) (industrial control).** Pertaining to a process or device that, under specified conditions, functions without intervention by a human operator. C37.1-1987
- (4) (National Electrical Code) (industrial control).** Self-acting, operating by its own mechanism when actuated by some impersonal influence, as, for example, a change in current strength, pressure, temperature, or mechanical configuration. *See:* **nonautomatic.** [60], [86]
- (5) (National Electrical Safety Code) (transmission and distribution).** Self-acting, operating by its own mechanism when actuated by some impersonal influence—as, for example, a change in current strength; not manual, without personal intervention. Remote control that requires personal intervention is not automatic, but manual. C2.2-1960, C2-1977
- automatic abstracting.** In library automation, the automatic selection of words and phrases from a document to produce an abstract. 610.2-1987
- automatic acceleration (1) (automatic train control).** Acceleration under the control of devices that function automatically to maintain, within relatively close predetermined values or schedules, current passing to the traction motors, the tractive force developed by them, the rate of vehicle acceleration, or similar factors affecting acceleration. *See:* **electric drive; multiple-unit control.** [119]
- (2) (industrial control).** Acceleration under the control of devices that function automatically to raise the motor speed. *See:* **electric drive; multiple unit control.** [60]
- automatically programmed tools (APT).** A programming system using English-like symbolic descriptions of part and tool geometry and tool motion for numerical control. 610.2-1987
- automatically regulated (rotating machinery).** Applied to a machine that can regulate its own characteristics when associated with other apparatus in a suitable closed-loop circuit. [9]
- automatically reset relay.** *See:* **self-reset relay.**