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ating in a manner essentially independent of external influence or control; self-moving. b. Self-regulating. 2. Lacking volition, intention, or conscious planning; involuntary; reflex. 3. Capable of firing continuously until ammunition is exhausted. Said of firearms. In this sense, also "full-automatic." Compare semiautomatic. - See Synonyms at spontaneous. automatic. — see Synonyms at spontaneous. — n. 1. An automatic firearm, especially an automatic pistol. 2. An automatic machine or device. [Greek automatos, acting by itself, spontaneous, acting of one's own will: AUTO- + -matos, willing (see men-' in Appendix\*).] — au'to-mat'i-cal-ly adv. au-tom-a-tic-i-ty (ô-tôm's-tis's-tē) n. 1. The state of being automatic. 2. Automatic action.

automatic pilot. An aircraft control mechanism that automatically maintains altitude, preset course, and steadiness. Also called "autopilot," "robot pilot."

automatic pistol. A pistol that can be fired automatically or semiautomatically.

automatic rifle. A light machine gun that can be fired auto-

matically or semiautomatically, normally the latter.

au-to-ma-tion (6'12-mā'shan) n. 1. The automatic operation or control of a process, equipment, or a system. 2. The totality omechanical and electronic techniques and equipment used to achieve such operation or control. 3. The condition of being automatically controlled or control. automatically controlled or operated. [From AUTOMATIC.]

—au'to-ma'tive adj.

au-tom-a-tism (6-tŏm'a-tiz'am) n. 1. a. The state or quality of being automatic. b. Automatic mechanical action. 2. Philosophy. The theory that all living organisms are automatons.

3. Physiology. a. The automatic operation of organs and cells, such as the beating of the heart. b. Performance of an act without conscious control, as in the operation of the reflexes.

4. The effort at suspension of consciousness made by certain or the consciousness. 4. The effort at suspension of consciousness made by certain surrealist writers and artists in order to express subconscious ideas and feelings. [AUTOMAT(ON) + -ISM.] —au-tom/a-tist n. au-tom-a-ton (6-tom/a-tjsn, -ton/) n. pl. -tons or -ta (-ta). 1. A robot (see). 2. One that behaves in an automatic or mechanical fashion. [Latin, self-operating machine, from Greek automaton peuter of automators.]

robot (see). 2. One that behaves in an automatic or mechanical fashion. [Latin, self-operating machine, from Greek automaton, neuter of automatos, AUTOMATIC.] —au-tom'a-tous adjau-to-mo-bile (ô'tə-mō-bēl', -mō'bēl', ô'tə-mō-bēl') n. A self-propelled land vehicle, as a four-wheeled passenger vehicle propelled by an internal-combustion engine. —adj. Automotive. [French: AUTO- + MOBILE.] —au'to-mo-bil'ist n. au-to-nom-tive (ô'tə-mō-fiv) adj. Abbr. auto. 1 Self-moving; self-propelling. 2. Of or pertaining to self-propelled vehicles. au-to-nom-ic (ô'tə-nōm'ik) adj. Also au-to-nom-ical (-l-ka).

1. Independent; autonomous. 2. Physiology. Of or pertaining to the autonomic nervous system. 3. Resulting from internal causes; self-generated; spontaneous. —au'to-nom'ical-ly adv. autonomic nervous system. The division of the vertebrate nervous system that regulates involuntary action, as of the intestines, heart, and glands, and comprises the sympathetic nervous system and the parasympathetic nervous system.

au-ton-o-mous (ô-tôn'a-mas) adj. 1. a. Independent. b. Self-contained. 2. a. Independent of the laws of another state or government; self-governing. b. Of or pertaining to an autonomy. 3. Autonomic. [Greek autonomos, self-ruling: AUTO+nomos, law (see nem-2 in Appendix\*).] —au-ton'o-mous-ly adv. au-ton-o-my (ô-tôn'a-mb) n., pl. -mies. 1. The condition or quality of being self-governing. 2. Self-government or the right of self-government; self-determination; independence. 3. A self-governing state, community, or group. [Greek autonomia, from autonomos, AUTONOMOUS.] —au-ton'o-mist n. au-to-phytic (ô'tō-plās'tē) n. Botany. An autotrophic plant. [AUTO-+p-Phytic (ô'tō-plās'tē) n. An automatic pilot (see). au-to-plas'to-div-phytic (c'ftf'k) add.

au-to-plast'to-div-fil's n. An automatic pilot (see). au-to-plas'to-div-fil's n. Au-to-plas'to-div-fil's n. Au-to-plas'to-div-fil's adv. au-to-plas'to-div-fil's n. Au-to-plas'to-div-fil's n. Au-to-plas'to-div-fil's n. Au-to-plas'to-div-fil's n. Au-to-plas'to-div-fil's n. Au-to-plas't

surgery is performed. [AUTO-+-PLASIN]

—au'to-plas'ti-cal-ly adv.

au-top-sy (ô'tôy'sẽ, ô'top-) n. pl. -sies. The examination of a dead body to determine the cause of death. Also called "necropsy," "post-mortem." [New Latin autopsia, from Greek, a seeing for oneself: AUTO-+ Greek opsis, sight (see okw- in Appendix\*).] —au-top'sic, au-top'si-cal adl. —au-top'sist n.

au-to-some (ô'tɔ-sōm') n. Any chromosome that is not a sex chromosome. [AUTO-+ (CHROMO)SOME.] —au'to-so'mal

(-so'mal) adj.

au-to-sug-ges-tion (ô'tō-sag-jēs'chan) n. Psychology. The process by which a person induces self-acceptance of an opinion, belief, or plan of action. —au'to-sug-gest'i-bil'i-ty n. —au'to-sug-gest'i-bil' adj. —au'to-sug-gest'ive adj.

au-tot-o-mize (ō-tōt'o-miz') v. -mizad, -mizing, -mizes. —tr. To cause the autotomy of (a body part). —intr. To undergo autotomy.

totomy.

au-tot-o-my (ô-tŏt'o-mē) n. Zoology. The spontaneous casting off of a body part, as the tail of certain lizards, for self-protection. [AUTO-+-TOMY.]—auto-tom'ic (ô'to-tōm'ik) adj. au-to-tox-o-mi-a (ô'to-tōk'-sē'mē-a) n. Also au-to-tox-a-mi-a, au-to-tox-i-co-sis (-tōk'sl-kō'sis). Pathology. Autointoxication

(see). (AUTO- + TOXEMIA.)

au-to-tox-in (ô'tō-tōk'sin) n. A poison that acts on the organism in which it is generated. —au'to-tox'ic adj.

au-to-trans-form-er (ô'tō-trăns-fôr mər) n. An electrical trans-

former in which the primary and secondary coils have some or all windings in common.

au-to-troph (ô'ta-trôf') n. Biology. An autotrophic organism, such as a green plant. [Back-formation from AUTOTROPHIC.]

au-to-troph-ic (ô'ta-trôf'fik, -trôf'fik) adj. Biology. Designating or characterizing plants or plantlike organisms capable of man-

ufacturing their own food by synthesis of inorganic materials, as in photosynthesis. [AUTO- + TROPHIC.] —au'to-troph'i-

as in photosynthesis. [AUTO- + TROPHIC.] —au'to-troph'ical-ly adv. —au-tot'ro-phy (ô-tōt'rɔ-fē) n.
au-to-truck (ô'tō-lrūk') n. A truck operated by a motor.
au-tumn (ô'tam) n. 1. The season of the year between summer
and winter, lasting from the autumnal equinox to the winter
solstice and from September to November in the Northern
Hemisphere; fall. 2. A time or period of maturity verging on
decline. [Middle English autumnus, possibly from Etruscan.] —autompne, from Latin autumnus, possibly from Etruscan.] —autum'nal (-tum'nal) adj. —au-tum'nal-ly adv. autumnal equinox. The equinox (see) of September 22 or 23

when the sun crosses the celestial equator going north to south, marking the start of autumn. Compare vernal equinox. autumn crocus. A plant, Colchicum autumnale, native to Europe and northern Africa, having pink or purplish flowers that bloom in the fall. Also called "meadow saffron." autumn crocus.

au-tun-ite (3-tin-it'), o'ten-it') n. A yellowish fluorescent, minor ore of uranium with composition Ca(UO<sub>2</sub>)<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub>-10H<sub>2</sub>O.

[First found at Autun, town in France.]

Au-vergne (ō-vârn'). A region of central France.

aux. auxiliary.

aux. auxiliary.
aux-e-sis (ôg-zē'sīs, ôk-sē'-) n. Biology. An increase in the size of a cell without cell division. [Greek auxēsis, growth, from auxanein, to grow, increase. See aug-! in Appendix.\*]
aux-il-ia-ry (ôg-zīl'yər-ē, -zīl'ər-ē) adi. Abbr. aux. 1. Giving assistance or support; aiding; helping. 2. Subsidiary; supplementary; additional. 3. Held in or used as a reserve: auxiliary troops. 4. Nautical. Equipped with a motor to supplement the sails. —n., pl. auxiliaries. 1. One that assists or helps; an assistant. 2. A group or organization that assists or is supplementary to a larger one: a women's auxiliary. 3. Plural. Foreign troops ant. 2. A group or organization that assists or is supplementary to a larger one: a women's auxiliary. 3. Plural. Foreign troops serving a country in war. 4. An auxiliary verb. 5. Nautical. A sailing vessel equipped with a motor. 6. Naval. A vessel designed for and used in other than combat services, such as a tug or a supply ship. [Latin auxiliarius, from auxilium, help. See aug. 1 in Appendix.\*] auxiliary verb. Grammar. A verb that accompanies particular forms of the main verb of a clause to form a phrasal unit expressing the tense, mood, voice, or aspect of the main verb. Have, may, can, must, and will are some auxiliary verbs: He will come. You must go.

Have, may, can, must, and will are some auxiliary veros: ne will come. You must go.

aux-in (ôk'sin) n. Any of several plant hormones, or similar substances produced synthetically, that affect growth by causing larger, elongated cells to develop. [Greek auxein, to grow (see aug-¹ in Appendix\*) + -IN] —aux-in'ic adj.

Av (ôv, äb) n. Also Ab (äb, ôv). The 11th month of the year on the Hebrew calendar, usually coinciding with August. See calendar. [Hebrew ābh, from Akkadian abu.]

1. avenue. 2. average. 3. avoirdupois. Av. avenue ad valorem.

1. audio-visual. 2. Authorized Version.

A.V. 1. audio-visual. 2. Authorized Version.

a-vail (2-vāl') v. availed, availing, avails. —tr. To be of use or advantage to; to assist; to help: Nothing can avail him now.

—intr. To be of use, value, or advantage; serve. —avail (one-sell) of. To make use of. —n. Use, benefit, or advantage. Now used chiefly in the phrase to (or of) no avail. [Middle English availen: A- (intensive) + vailen, to avail, from Old French valoir (stem vail-), to be worth, from Latin valère, to be strong, be worth (see wal. in Appendix\*)] —availingth advantage.

(stem vail-), to be worth, from Latin valêre, to be strong, be worth (see wal- in Appendix\*), ]—a-vail'ing-ly adv.
a-vail-a-ble (a-vā'la-bal) adj. Accessible for use; at hand; usable.
—a-vail'a-bil'-ity, a-vail'a-ble-ness n.—a-vail'a-bly adv.
av-a-lanche (āv'a-lānch', -lānch') n. 1. A fall or slide of a large mass of snow, rock, or other material down a mountainside.
2. Something resembling such an overwhelming fall or slide.
—v. avalanched, -lanching, -lanches.—intr. To all, as an avalanche.—ir. To overwhelm. [French, from Swiss French avalantse, from Savoyard lavantse, from Vulgar Latin (unattested) labancat.] tested) labancat.]

avalanche lily. A plant, Erythronium montanum, of western North America, having nodding white flowers. [So called because it grows near the snow line and blooms when the snow begins to melt.

Av-a-lon (ăv'a-lon'). Also Av-al-lon. Celtic Mythology. An island paradise in the western seas where King Arthur and other heroes went at death.

Ava-lon Peninsula (&v's-lon'). A peninsula, about 4,000

Av-a-lon Peninsula (&v'a-lon'). A peninsula, about 4,000 square miles in area, of southeastern Newfoundland, Canada; the site of its capital, St. John's.

a-vant-garde (ä'vänt-gärd'; French à-vän-gård') n. 1. A group, as of writers and artists, regarded as pre-eminent in the invention and application of new techniques in a given field. 2. The

tion and application of new techniques in a given field. 2. The admirers of such a group and critics acting as its spokesmen.

—adj. 1. Of or belonging to the vanguard, as in the arts. 2. Ahead of the times. [French, VANGUARD.]

av-a-rice (av-o-ris) n. An extreme desire to amass wealth; cupidity. [Middle English, from Old French, from Latin avaritia, from avarus, greedy, from averet, to desire.]

av-a-ri-cious (av-o-rish'es) adj. Immoderately fond of accumulating wealth. —av'a-ri'cious-ly adv. —av'a-ri'cious-ness n.

a-vast (a-väst', a-väst') interj. A nautical command to desist:

Avast heaving there. [Shortened from Dutch houd wast, "hold fast": houd, imperative of houden, to hold, from Middle Dutch (see kei-e in Appendix\*).]

av-a-tar (āv'a-tār') n. 1. a. One regarded as the incarnation or embodiment of some known model or category. b. An entity

w-a-tar (Apv-har') n. 1. a. One regarded as the incarnation or embodiment of some known model or category. b. An entity regarded as an extreme or notably complete manifestation of its

avatar Vishnu as a boar in his third avatar

ā pat/ā pay/ār care/ā father/b bib/ch church/d deed/ē pet/ē be/f fife/g gag/h hat/hw which/ī pit/ī pie/îr pier/j judge/k kick/l lid, needle/m mum/n no, sudden/ng thing/ŏ pot/ō toe/ó paw, for/oi noise/ou out/ŏo took/ōo boot/p pop/r roar/s sauce/sh ship, dish/