

http://dictionary.reference.com/browse/feedback

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use, information about the results of a process is attested by 1955. Online Etymology Dictionary, © 2010 Douglas Harper Cite This Source AdChoices Medical Dictionary American Heritage feedback feed-back (fēd'bāk') n. The return of a portion of the output of a process or system to the input, especially when used to maintain performance or to control a system or process. The portion of the output so returned. The return of information about the result of a process or activity. The American Heritage® Stedman's Medical Dictionary Copyright © 2002, 2001, 1995 by Houghton Mifflin Company. Published by Houghton Mifflin Company. Company. Cite This Source Science Dictionary American Heritage feedback [%PREMIUM\_LINK%] (fēd'bāk') Pronunciation Key The supply of an input to some process or system as a function of its output. See more at negative feedback, positive feedback. The American Heritage® Science Dictionary Copyright © 2002. Published by Houghton Mifflin. All rights reserved. <u>Cite This Source</u> Cultural Dictionary American Heritage feedback definition A process in which a system regulates itself by monitoring its own output. That is, it "feeds back" part of its output to itself. Feedback is used to control machines; a heating system, for example, uses a thermostat to monitor and adjust its output. Feedback is also used by the human <u>brain</u> to control various muscles and joints. Note : By extension, "feedback" is any response or information about the result of a process. Note : Feedback is usually a feature of automation. The American Heritage® New Dictionary of Cultural Literacy, Third Edition Copyright © 2005 by Houghton Mifflin Company. Published by Houghton Mifflin Company. All rights reserved. <u>Cite This Source</u> **Computing Dictionary** FOLDOC feedback definition electronics Part of a system output presented at its input. Feedback may be unintended. When used as a design feature, the output is usually transformed by passive components which attenuate it in some manner; the result is then presented at the system input. Readback is positive or negative, depending on the sign with which a positive change in the original input reappears after transformation. Negative feedback was invented by Black to stabilise <u>vacuum</u> tube amplifiers. The behaviour becomes largely a function of the feedback transformation and only minimally a function of factors such as transistor gain which are imperfectly known. Positive feedback can lead to instability; it finds wide application in the construction of oscillators.

Feedback can be used to control a system, as in <u>feedback control</u>. (1996-01-02)

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 Encyclopedia
 Encyclopedia Britannica

 feedback
 in biology, a response within a system (molecule, cell, organism, or population) that influences the control of a biological reaction by the end products of that reaction.

 Learn more about feedback with a free trial on Britannica.com.

 Encyclopedia Britannica, 2008. Encyclopedia Britannica Online.

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