





INDEFENDENT AND DEPENDENT SCURCE The independent voltage source is an ideal source. It does not regresent exactly any dent source is not dependent on our any other quentity in the ext it has physical device because the ideal could amount of energy from its terminals, an automobile storage battery has a terminal a const. volue to the strength of a constant as long as the current draws the second contraction and walinton ender sources are of hotypes: from it does I not exceed a few amperes. In dependent voltage sources quescut Independent Curent Source - A current source is a two terminal device whos . The term independent sources it terretard consent at any instant of time Shalferene Marger 161 x 17 Endicates the is independent of the voltage across its the magnitude of the source is independent of the Instructory to which it is applied of that it exhibits ito terminal characteristics terminals. It maintains the magnitude of wave from of its current irrespective of the typic of the methody connected to its terminal even if completely isoluted. 1 = constant hodren deur willinge sonser - An independent STANIO TOS 11 belleuge dependent Voltage source is a two terminal device independent of the current flowing through its terminals. It maintains the majorhal い such a source is non existence in the re world. However there are some some somes who of the type of N/w connected to its termines. may be very closely approximated to an ided audust soutce for Eg: The club beam of synchrotry operating at different a constant beam current, la pentide V = constant. Vaccum tube: amplifles q certir transiti circuit can deliver a constant current to a wide sauge of load.



























