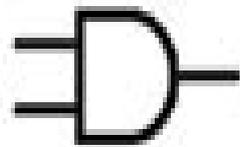
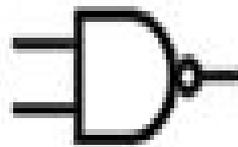


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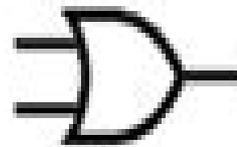
INPUT		OUTPUT
A	B	
0	0	0
1	0	0
0	1	0
1	1	1



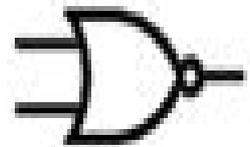
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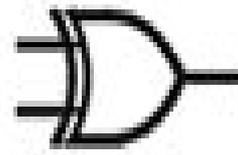
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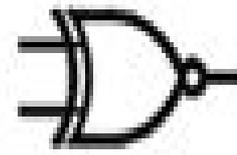
NOR



NOT



XOR



XNOR



A AND B	$A \cdot B$
A OR B	$A + B$
NOT A	\overline{A}
A XOR B	$A \oplus B$

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lights and motors as well as inputs like switches and sensors You ll also discover the difference between analog and digital electrical signals while studying both electricity and computers Dabble in electrical engineering whether you are interested in building things with electronics or learning to program simple physical systems Build your own electronic projects to learn how electronics work And also how computers store information and process requests You ll work with simple low cost tools like conductive tape before developing up to working with breadboards and discovering the components to build more complex systems With Beginning Breadboarding makers of all ages and backgrounds can learn to build real life physical computing systems and projects Have fun building something with tangible results while learning all the theory you need to make new projects of your own What You ll Learn Rapidly prototype circuits with breadboards Use common components to make simple electronic devices Share electrical energy and control the flow of electricity through components Who This Book Is For Makers seeking a fun hands on introduction to technology electronics and computers Those who have little to no knowledge of the subject but want to learn electronics or know more about computers *Practical/Laboratory Manual Physics Class - XII -by Er. Meera Goyal (SBPD Publications)* Er. Meera Goyal,2021-07-03 In accordance to the new syllabus of Central Board of Secondary Education CBSE New Delhi and other State Boards following CBSE Curriculum *Electronic Projects for Photographers* Walt Bregach,1983 **Digital Electronics Through Project Analysis** Ronald A. Reis,1991 An introductory text to digital circuits for beginning electronics students which provides coverage of basic digital concepts and includes 46 actual digital projects that illustrate concrete applications Coverage encompasses digital combinational and sequential logic circuits [Electronic Circuits for the Evil Genius 2/E](#) Dave Cutcher,2010-10-22 The Fiendishly Fun Way to Master Electronic Circuits Fully updated throughout this wickedly inventive guide introduces electronic circuits and circuit design both analog and digital through a series of projects you ll complete one simple lesson at a time The separate lessons build on each other and add up to projects you can put to practical use You don t need to know anything about electronics to get started A pre assembled kit which includes all the components and PC boards to complete the book projects is available separately from ABRA electronics on Amazon Using easy to find components and equipment *Electronic Circuits for the Evil Genius Second Edition* provides hours of rewarding and slightly twisted fun You ll gain valuable experience in circuit construction and design as you test modify and observe your results skills you can put to work in other exciting circuit building projects *Electronic Circuits for the Evil Genius* Features step by step instructions and helpful illustrations Provides tips for customizing the projects Covers the underlying electronics principles behind the projects Removes the frustration factor all required parts are listed along with sources Build these and other devious devices Automatic night light Light sensitive switch Along to digital converter Voltage controlled oscillator Op amp controlled power amplifier Burglar alarm Logic gate based toy Two way intercom using transistors and op amps Each fun inexpensive Genius project includes a detailed list of materials sources for parts schematics and lots of clear well illustrated instructions for easy assembly The

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