

Electronics II. laboratory

2. measurement: Multivibrators

Test questions

1. Draw an astable multivibrator circuit!
2. Draw the output waveform of astable mv.!
3. What determines the output frequency of the astable mv.?
4. Draw a monostable multivibrator circuit!
5. Draw the output waveform of a monostable mv. (the input shall be a short impulse)!
6. What determines the output signal's period of the monostable mv.?
7. What are the applications for monostable mv.?
8. Draw a Schmitt-trigger circuit with transistors!
9. Show the operation principle of Schmitt-trigger using transfer characteristics!
10. What are the applications for a Schmitt-trigger?
11. How would you use the lab instruments to display the transfer characteristics?