

THE ASYNCHRONOUS SELF-EXITED OSCILLATIONS IN THE CIRCUIT AUTOGENERATOR

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The asynchronous two-frequency self-exited oscillations are investigated in well-known two circuit Van der Pole's circuit. The analytical conditions on the parameters of auto generator with non-linear characteristic in the form of symmetrical polynomial of the third degree have been found under which two-frequency and one frequency modes are realized. The results of computer simulation are given.