

[Home](#)[Subject](#) > [Journals](#) [Books](#) > [Resources For Partners](#) > [Open Access](#) [About Us](#) > [Help](#) >

## Cookies Notification

We use cookies on this site to enhance your user experience. By continuing to browse the site, you consent to the use of our cookies. [Learn More](#) [I Agree](#)

[← PREVIOUS](#)[NEXT →](#)

## Abstract

In this contribution we present a brief introduction to the theory of synchronization of self-sustained oscillators. Classical results for synchronization of periodic motions and effects of noise on this process are reviewed and compared with recently found phase synchronization phenomena in chaotic oscillators. The basic notions of phase and frequency locking are reconsidered within a common framework. The application of phase synchronization to data analysis is discussed.