## Abstract.

Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles of the environment. Organisms use various clocks in order to adapt to the daily, tidal, monthly and annual cycles

## 1 Biological Clocks

The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated. The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated. The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated. The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated. The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated. The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated. The daily revolutions of the earth around its axis are responsible for day and night and its annual orbit around the sun for the seasons with their fluctuations in daylength and temperature. Most organisms have adapted to these diurnal and annual cycles. The strategies and mechanisms used are quite delicate and complicated.