Abstract

Objective analysis and interpretation of radial pulse signal has been attempted. Capacitance variation based sensing and instrumentation mechanism has been developed for pulse sensing and logging. Traditional Indian Medicine (TIM) perspective for humor identification has been attempted. Pulse signal of healthy individual analysed in dominant humor interval, display prominent changes in recurrence quantification measures for pulse amplitude variations. These marker results are observed to correlate strongly with those obtained for a group of healthy individuals in a dominant humor interval period. Recurrence quantification analysis can possibly help in arriving at inferences apparent to sense perception for a TIM physician.

References

Traditional Indian Medicine (TIM) based Humor Identification – A recurrence based Approach

Eastern & Western Holistic Treatments, USA: Aurora Press.


Index Terms

Computer Science          Signal Processing

Keywords
Radial Pulse Analysis   Recurrence Quantification Analysis and Humor Identification.