

Amit Rahemtula Himani, Analysis of radial arterial pulse waveform, M. Tech. Thesis, Department of School of Biosciences & Bioengineering , Indian Institute of Technology Bombay, 2006.

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**Abstract** - The radial arterial pulse signal can provide valuable diagnosis information about cardiovascular health. This project involved spectral analysis of pulse wave and the changes of area under the curve because of exercise. The cross correlation between some of physiological signals such as radial arterial pulse (RAP), pulse plethysmogram (PPG) and ECG has been studied for the purpose of delay calculation between them. The variation in delays due to exercise has also been studied, as a possible indicator of cardiovascular health.