UPGRADE & EXTENSION OF LabVIEW SOFTWARE LIBRARY

Project Report submitted by

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This Project is submitted to the
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PREFACE

This Diploma project report compromises the main supporting documentation of its corresponding Computer Information System (CIS) developed with the aid of Apple Computers in fulfillment of the Diploma Project requirements for the Diploma in Computer Studies at Higher Technical Institute, Nicosia Cyprus.

This project is an Upgrade & Extension of LabVIEW Software Library in the area of Neurophysiology. In this specific project 4 signals are examined and their related measurements are calculated and displayed. These signals are, the Twitch Force (TF), Maximal Tetanic Tesion Force (MTT), Electromyograph (EMG) and the Neurogram(NG).

This project can be used by Neurophysiology Research Centers where these type of measurements are carried out.

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