**MY Real Projects: realized from 1997 to 2015**

**1.Hardware/Software design of DC controller on the base of Microchip dsPIC3364mc206.**

**2.Hardware/Software Design of series of functional testers for DC/AC motion controllers on the base of ARM Cortex\_M0 platform - LPC 1114/301 microcontroller.**

**Experience with CoIDE, MTK4 and IAR Embedded Workbench;**

**3. Design of IC tester for DC Induction motors – software(CVI –NI) and firmware(C and assembler) for PIC16Fxx( microcontrollers.**

**4. Design of IC tester for AC Induction motors – software(CVI –NI) and firmware for Infineon C164 CI microcontrollers.**

**5.Creation of application software for statistical and monitor control(C C++). Updated version on MS C#.**

**6. Building a test system for final testing of IC gages realized by National Instruments CVI**

**7. Designing and implementation of an Application software for real time statistical and monitor control – CVI and Access 2000.**

**8.Designing and implementation of a service Tester for Sepex Speed Controllers, use CVI, Lab View and Test Stand.**

**9.Designing and implementation of an Automatic TestSystem for wide class of IC gages using LabWindow CVI Package.**

**10.S/H designing of four quadrants motion controller for DC motor based on SCR semiconductors and Atmel’s RISK microcontrollers from family AT90S4434/8535. Programming in Assembler and C for this family. PCB layout designing with OrCad 9.0. Simulating with Pspice/Express 9.1**

**11.S/H designing of double motor controller for electrical vehicles based on Philips microcontroller 87c553. Programming in Assembler and C for this family. Implementing SMD technology. PCB designing with OrCad 7.0.**

**12. S/H designing of product line of Combymeter for Diesel and Electric vehicles based on PIC 16c74/77, microcontrollers. Programming in Assembler and C for these micros.**