## Preface:

Neural networks have enjoyed a respectable popularity in Iranian academic and engineering communities over the recent years.

In the School of Intelligent Systems, we have taken advantage of this popularity and a sizeable amount of our research has focused on neural networks. In recent years, research on biological neurons have also been encouraged which is reflected in a couple of articles in this volume.

The research activity of our colleagues in Armenia on neural networks prompted us into organising a series of Joint Irano-Armenian meetings on neural networks, this proceedings belongs to the second meeting of the series. This cross border collaboration has been very fruitful and has provided different view points to both sides of the border.

The new element in this second meeting of the series was the tutorial talks designed to introduce new developments of the field to the students. This was by far more successful than expected and I hope that future meeting will keep this element incorporated.

The success of a scientific meeting depends on three elements, *good academics, enthusiastic participants and smooth running of the day to day business*. This later aspect was owed to the metticulous attention of the staff of the school in particular Mrs. Khalilpour who has also prepared the manuscripts for the publishing.

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