

# Control and Cybernetics

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## The Moving Frontier Questionnaire

### From the Editor

A number of outstanding scholars from the domains covered by **Control and Cybernetics** were approached in fall of 1991 with the following four questions:

- 1. What kind of problems are you currently working on ?*
- 2. What problems do you think are the most important to solve in your domain in the nearest future ?*
- 3. Which of the recent applications of scientific results from your domain do you consider as most interesting ?*
- 4. To what extent is availability of definite computer hardware influencing your scientific work ?*

The responses to these questions are presented in the following pages under the common title of the **The Moving Frontier Questionnaire**. We believe namely that our quarterly has been over the past twenty years a good witness to the changes in the domains of our interest. In fact, numerous new domains took shape in the meantime and some research directions became obsolete. It is true that such changes are often brought about by fads in the scientific communities which are hailed to be "paradigm changes", but it is also true that discussions around these new theoretical constructs are very enriching. And then - there is always practice, even if very far away, to verify the adequacy of new and old paradigms. We hope that the responses here presented show at least a part of the moving frontier of research at its present stage.

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