הטכניון – מכון טכנולוגי לישראל

Technion – Israel Institute of Technology

הפקולטה למדעי המחשב
Computer Science Department

Prof. J. A. Makowsky

March 8, 1998

To whom it may concern !

Gregory Kogan has worked under my supervision for the last 2 years (Dec 1995-March 1998) and as a graduate student (since October 1996) in the Applied Mathematics Program of the Technion. He was accepted conditionally as an M.Sc. student, and has passed (May 1997) the candidacy examination (research part) which would allow him, upon completion of other requirements, to enter the direct Ph.D. program. During this time we have completed together the following papers, available on
`ttp://www.cs.technion.ac.il/ admlogic/TR/readme.html`

- G. Kogan and J.A. Makowsky, Computing Permanents over Fields of Characteristic 3: Where and Why it Becomes Difficult, (December 1997).
- G. Kogan and J.A. Makowsky, The Complexity of Schur Functions in Finite Fields of Characteristic 2 (May 1997, revised December 1997).
- G. Kogan The Complexity of Schur Functions over Finite Fields (May 1997), Research proposal for the Candidacy examination. Supervisor: J.A. Makowsky
- G. Kogan (written by M. Kaminski and J.A. Makowsky), Computing permanents in fields of characteristic 3. Extended abstract, published in FOCS'96.
- One further paper (on Cauchy matrices) is in prepeparation.

G. Kogan has an astonishing and deep understanding of combinatorial aspects of matrices which should allow him to get further important results, if he can find an appropriate working environment. I wish him all the success in his mathematical career.

Sincerely

J. A. Makowsky
Associate professor

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