22 Berkeley St
Huntingdale VIC 3166
Australia

May 31, 2010

The Postdoc Recruitment Team
Combinatorial Optimization with Competing Agents (COCA) Project
LAMSADE and LIP6 Laboratories
Paris, France

Dear Sir/Madam:

Subject: Application for postdoctoral position

I (Arun Prasath Mani) am interested in applying for a postdoctoral position in the COCA research project advertised on the internet mailing list "dmanet".

I recently completed my PhD in Computer Science at Monash University, Australia. My thesis topic is *Correlation inequalities for Tutte polynomials*, and my supervisor is Associate Professor Graham Farr (`http://www.csse.monash.edu.au/~gfarr/`). My research identified a family of inequalities that can be used in finding easily computable deterministic nontrivial bounds for many hard counting problems in graph and matroid theory. My research interests include combinatorics and combinatorial algorithms, graph theory and discrete optimization problems.

I have enclosed my detailed resume to support my application. The resume includes my publication list along with their URLs, and the names and contact details of my referees.

Please contact me at the email address `arunpmani@gmail.com` regarding my application. I look forward to hearing from you. Thank you.

Sincerely,

Arun P. Mani