NEW SECRETARY
A warm welcome to Molina Thomson who starts with us on Monday 29th April.

MESSAGE OF THANKS
Thanks again for providing references for me for my applications to US Universities. I received three offers - and eventually chose the University of Minnesota, as it appears to have the most depth in mathematical economics. They offer a course in mathematical economics in the first year of the program, and they were the only university to allow me to do papers in the maths department as part of the program. The other offers were from Michigan and UCLA, but the latter didn't offer any funding, so I had to turn that one down.

David Young

PUBLISHED AND ACCEPTED PAPERS


PUZZLE CORNER
Two problems this week, to herald the onset of 5 solid weeks without a single break, and more. Time to do some extra work!

1) In spite of what you may have heard, not every nontrivial quintic is insoluble. Solve this one in radicals:

\[ 2 x^5 - 10 x^3 + 10 x - 5 = 0 \]

2) Show that among any seven reals you can always choose two, x, y such that

\[ 0 < \frac{x - y}{1 + xy} < \frac{1}{\sqrt{3}} \]