

**Mathematics Department Outputs Grading Criteria**  
**(From Prof Charalambos Makridakis, 25.01.17)**

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2\*

A 2\* paper will be published in a refereed journal and will advance the subject but will not be of particular interest, except perhaps to a very specialised audience. It may well lead to a poster or a short, contributed talk at a specialised workshop, but not to an invited talk at a larger conference. The journal could be a good one but not one of the top.

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3\*

To be 3\* you need: (i) to have done something genuinely new, not derivative, (ii) to have published in a very well-regarded journal, (iii) to introduce a new approach in a relevant area. Depending on the number of citations, a relatively large number will be a good indication. This work is likely significant enough to be accepted as a invited talk at an international workshop.

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4\*

A 4\* paper needs to demonstrate something completely new and very original in a relevant area. Introduction of a new methodology, or/and addressing a long standing problem. In the vast majority of cases a 4\* publication is published in absolutely top journals. Large numbers of citations is a good sign. The work is likely to attract offers of plenary or invited talks at international conferences.

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