

# Publishing

**TSW 2024**

# The Publishing Process

1. Email experts (optional)
2. Post to arXiv
3. Choose a journal
4. Submit to a journal
5. The referee process
6. Revisions
7. The decision
8. After acceptance

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  - Generally, need to include much less background than in a talk.

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Abstract inserted here.

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Sincerely,

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- Time posting so you are at top of list of new papers (2pm EST)

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- Possibly consider: Open access/related publishing fees, other ethical considerations.

# Dan's tiers (see TSR)

1 Annals	3 AJM	5 J Top	6 J Alg	7 Pacific JM
1 Inventiones	3 GAFA	5 Math Z	6 JLMS	7 PEMS
1 JAMS	3 G&T	5 PLMS	6 MRL	7 Top Appl
1 Pub. IHES	3 Crelle	5 TAMS	6 Michigan MJ	
	3 JDG		6 PAMS	8 Glasnik
2 Acta		6 AGT		8 JKTR
2 Advances	4 Commentarii	6 BLMS	7 GD	8 RMJM
2 Duke	4 Compositio	6 GGD	7 Glasgow MJ	
2 JEMS	4 Math. Ann.	6 IMRN	7 JTA	
		6 Israel JM	7 NYJM	

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- Confirm receipt. If you don't get a formal reply from the editor or journal after a few days (weeks) then e-mail the editor to make sure they got the paper.

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- (!) Referee's job is *not* to check that every detail is correct. That is the authors' responsibility. (More on referee's job on next slide.)

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**Possible selling points** (should be stated clearly and early in paper):

- Solve a conjecture
- Answer question from another paper
- Applications
- Novel or surprising
- Complete answer rather than few cases
- “Hot” topic

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  1. Main results and context (briefly).
  2. Identify the level of interest.
  3. Word about proof and what's new.
  4. Overall correctness.
  5. Quality of the exposition.
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- Report to authors may contain:
  1. Something nice (well-written, proof is expert)
  2. General readability comments (organization, style, more signposting, less notation, etc).
  3. Line-by-line spelling/grammar mistakes and math comments. (Page 3, line -4: can you give a proof or a reference for this fact?)
  4. General math questions/comments (e.g. why do you need Hypothesis X in Theorem Y, can Theorem A be generalized?).

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- Multiple rounds of revisions are possible.

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- You should not appeal a rejection.

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- *Do it all again (and again, and again,...).*