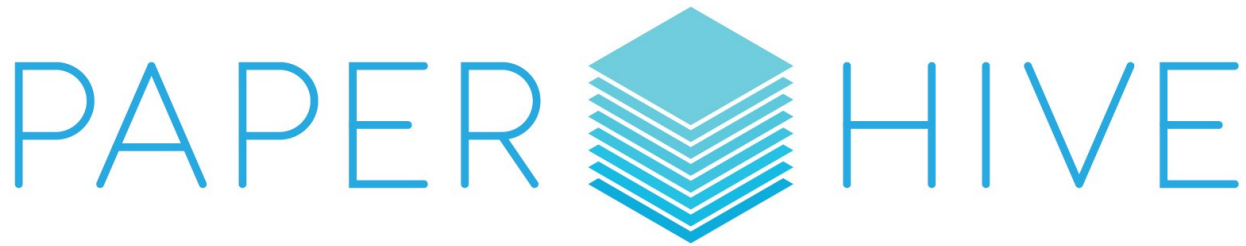
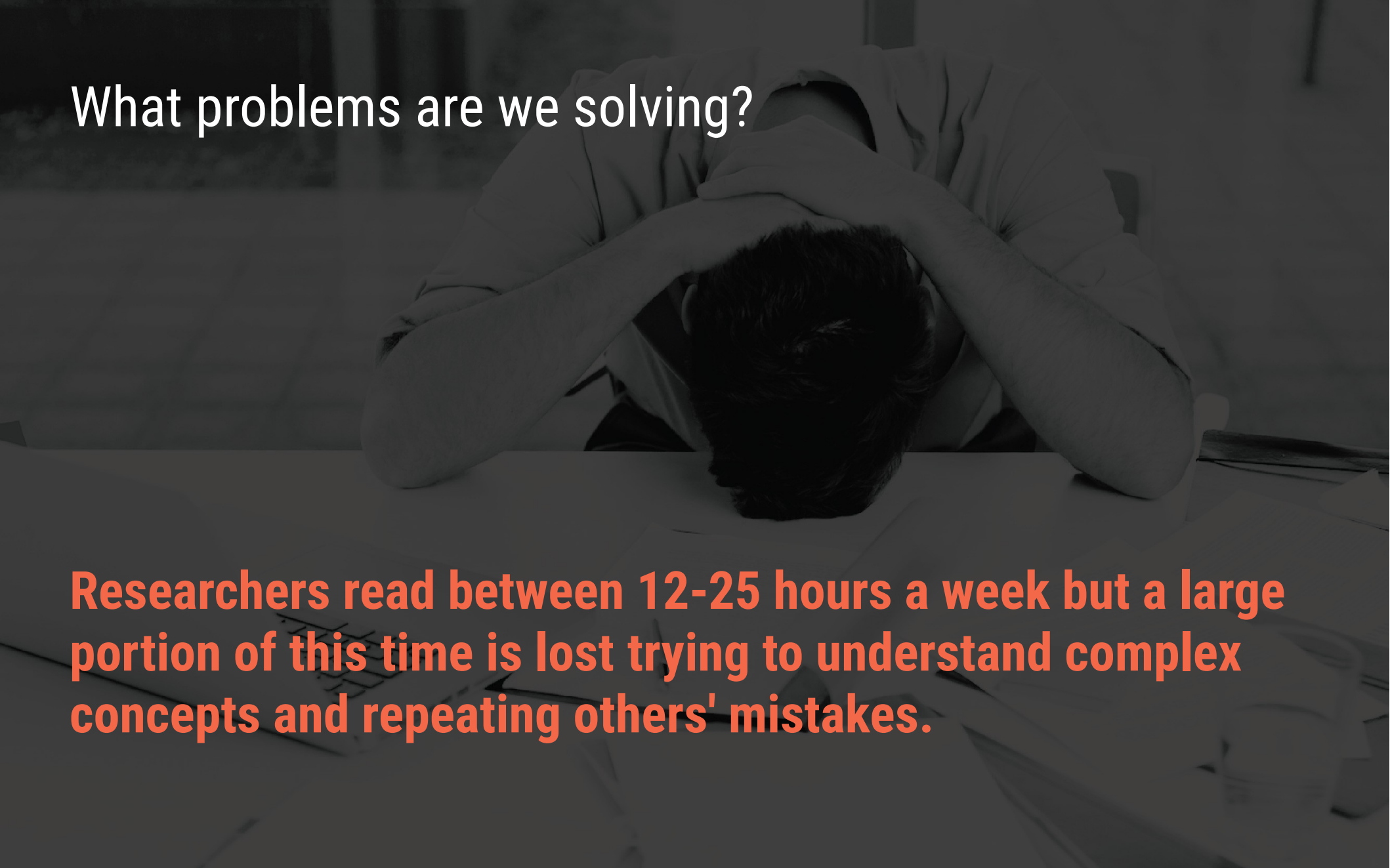
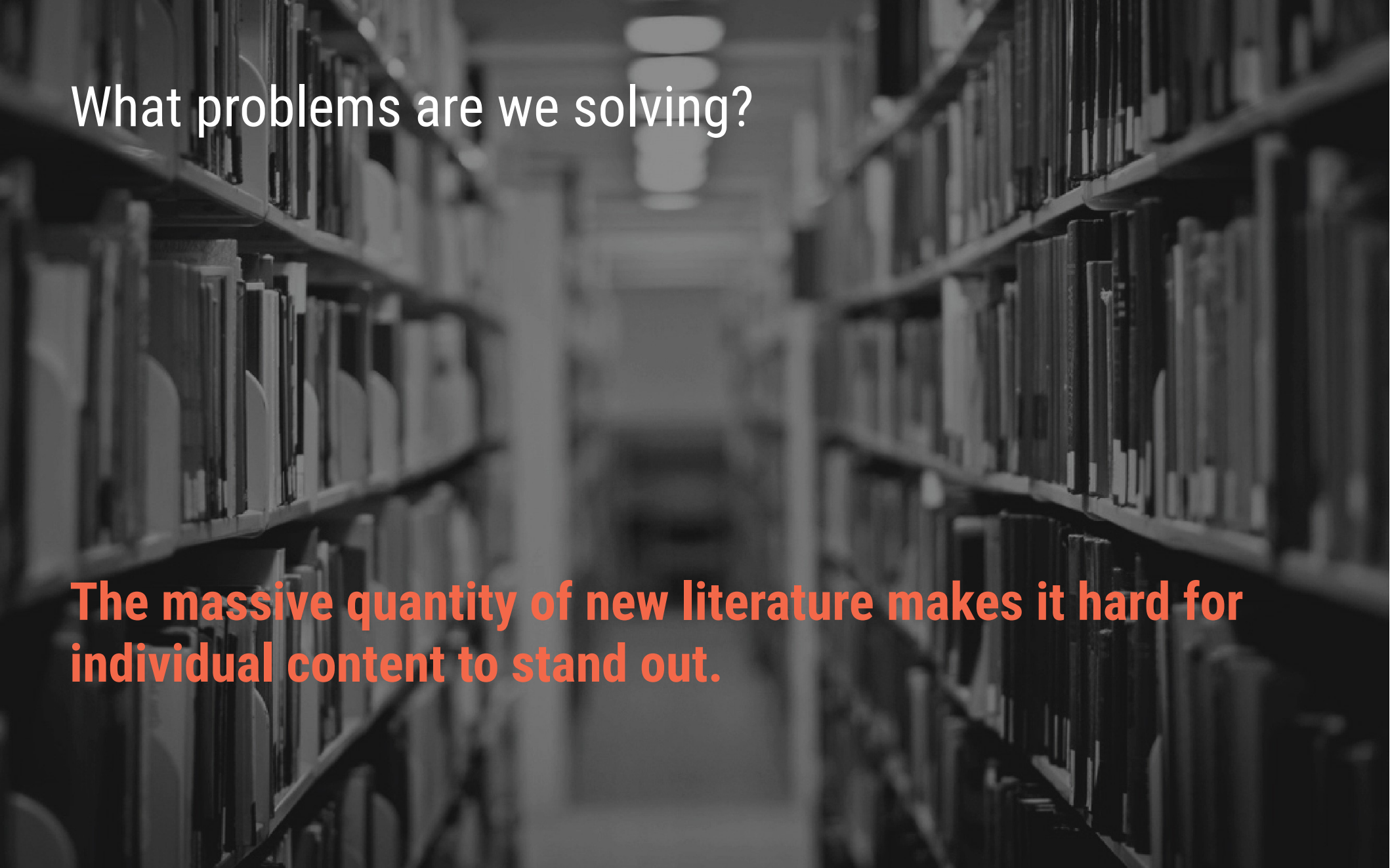


Making high-quality literature stand out

What problems are we solving?



Researchers read between 12-25 hours a week but a large portion of this time is lost trying to understand complex concepts and repeating others' mistakes.



What problems are we solving?

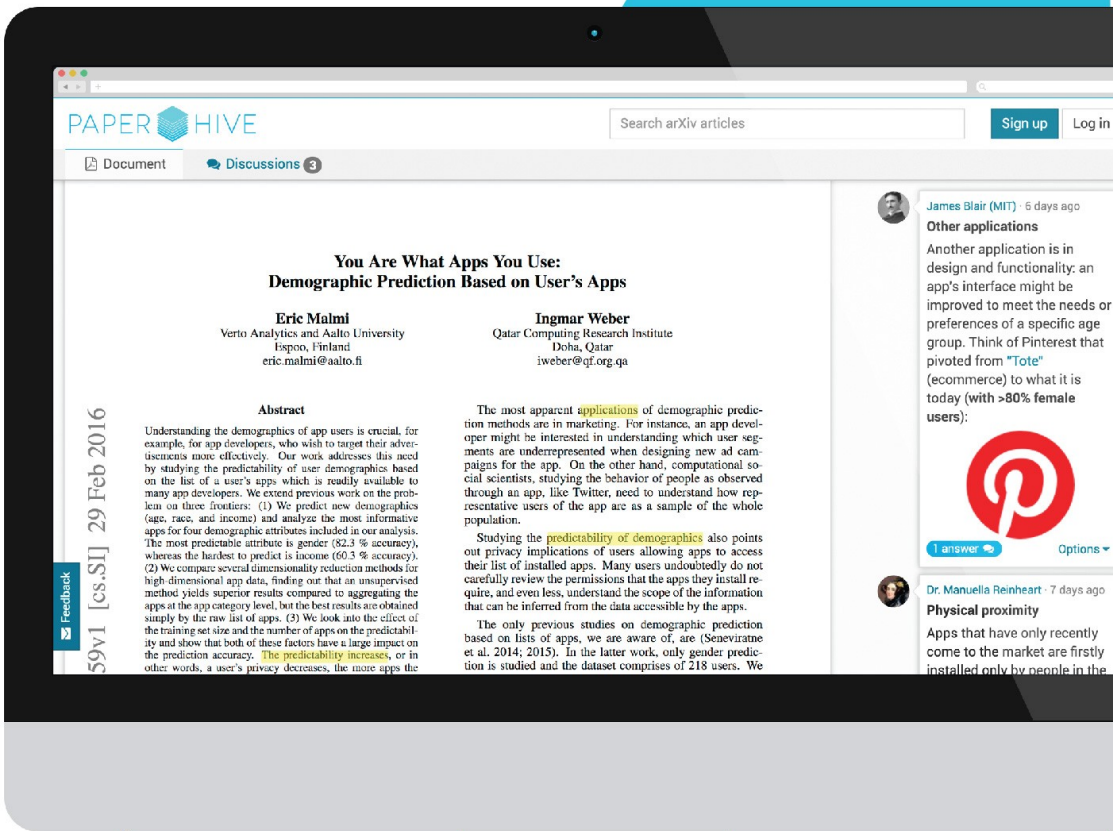
The massive quantity of new literature makes it hard for individual content to stand out.

How can PaperHive help?

PaperHive is an online platform and a cross-publisher layer of interaction on top of research documents

Public and private contextual discussions on published content

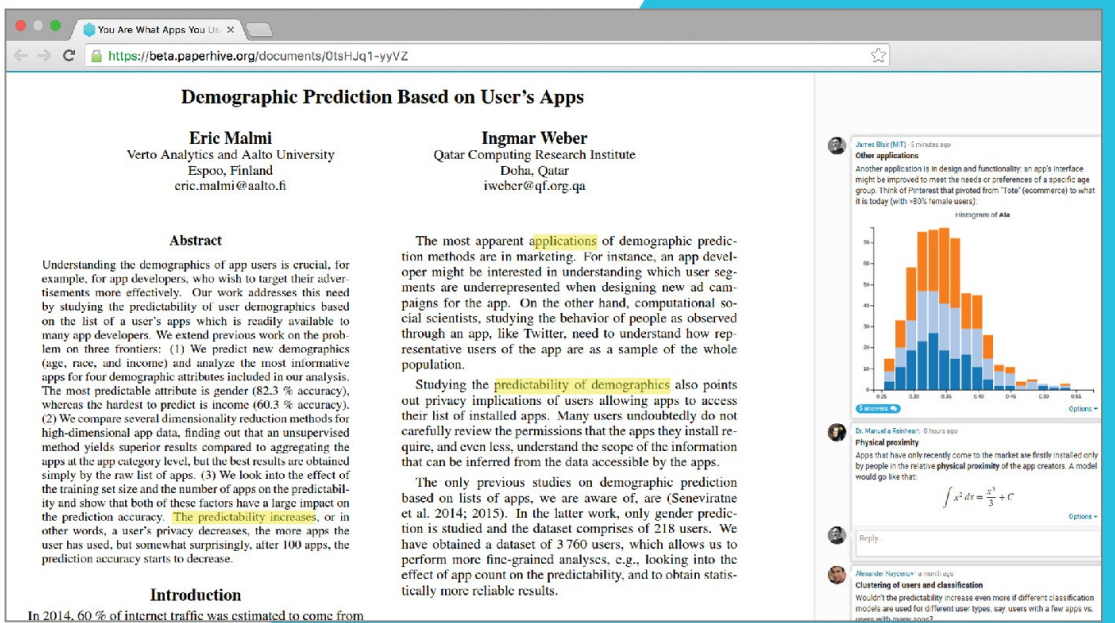
- collaborative reading
- interactive seminars and lectures
- post-publication peer-review
- personal literature management



By helping each other with explanations, code, data, and forward references, readers develop a web of interconnected knowledge

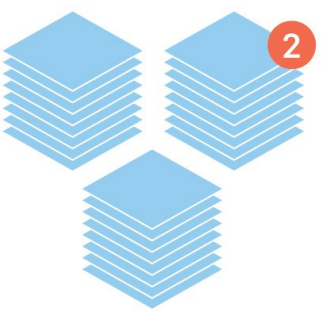
Every single rich-media annotation increases the value of content for all readers.

- citable comments
- licensed under CC-BY
- support for MathJax, LaTeX, and Markdown
- following W3C Web Annotation standards



PaperHive embeds communication in the researcher's workflow

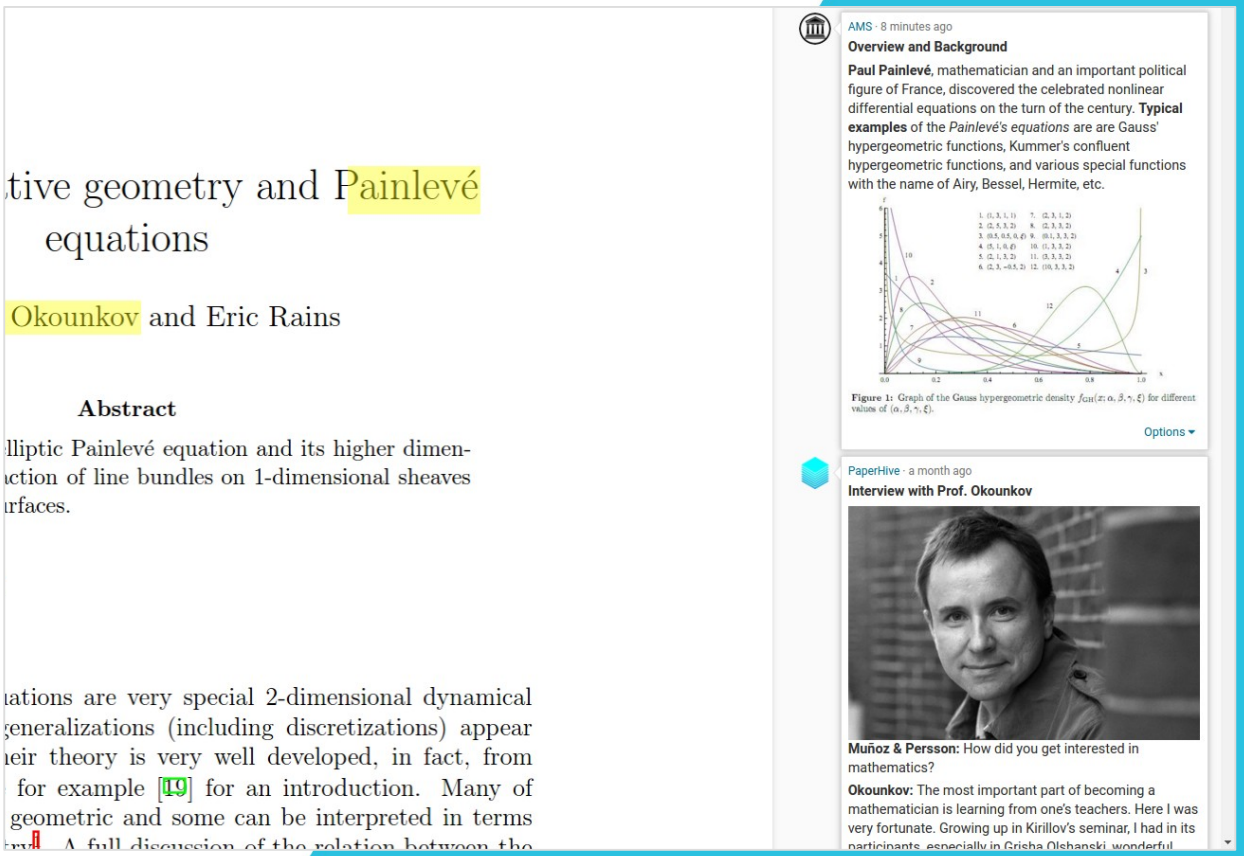
Smart deep links to specific passages of academic articles and books increase sharing of content.



Researchers and students collect the articles relevant for them in their own Hives and receive personalized notifications for new updates and comments.

Benefit 1: Increasing the audience of content among students and interdisciplinary researchers

Editors, authors or publishers can add background information to increase the accessibility of content.



tive geometry and Painlevé equations

Okounkov and Eric Rains

Abstract

lliptic Painlevé equation and its higher dimen-
uction of line bundles on 1-dimensional sheaves
rfaces.

uations are very special 2-dimensional dynamical
generalizations (including discretizations) appear
heir theory is very well developed, in fact, from
for example [19] for an introduction. Many of
geometric and some can be interpreted in terms

AMS · 8 minutes ago

Overview and Background

Paul Painlevé, mathematician and an important political figure of France, discovered the celebrated nonlinear differential equations on the turn of the century. **Typical examples** of the *Painlevé's equations* are are Gauss' hypergeometric functions, Kummer's confluent hypergeometric functions, and various special functions with the name of Airy, Bessel, Hermite, etc.

Figure 1: Graph of the Gauss hypergeometric density $f_{GH}(x;\alpha,\beta,\gamma,\xi)$ for different values of $(\alpha,\beta,\gamma,\xi)$.

Options

PaperHive · a month ago

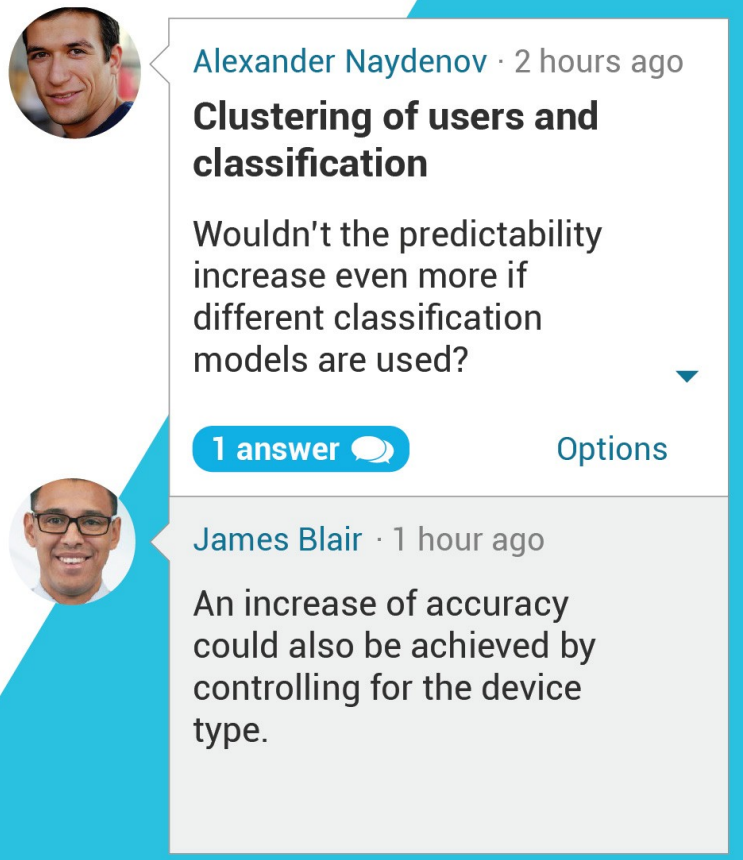
Interview with Prof. Okounkov

Muñoz & Persson: How did you get interested in mathematics?

Okounkov: The most important part of becoming a mathematician is learning from one's teachers. Here I was very fortunate. Growing up in Kirillov's seminar, I had in its participants, especially in Grisha Olshanski, wonderful

Benefit 2: Extending the life time of articles

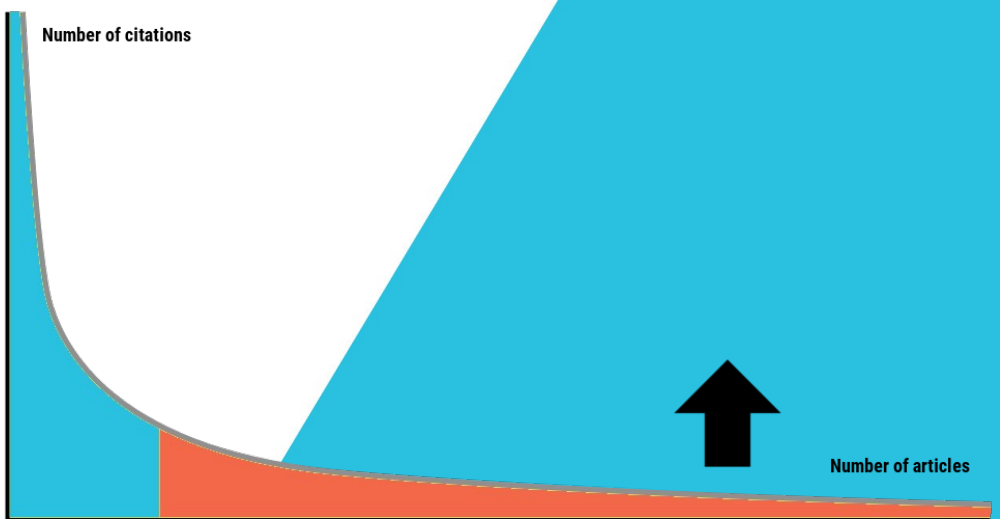
Replies and new discussions create incentives for readers to return to documents they previously worked with.



Benefit 3: Boosting the usage of articles in the long-tail

Discussions on less frequently cited and read articles increase their value over-proportionally relative to popular content.

- niche experts are brought closer together
- benefit from each others' knowledge and results



Case Study 1: Engagement with great books

Knowledge Unlatched

- organization helping publishers and libraries worldwide to work together for a sustainable open future for scholarly books
- starts using PaperHive for enabling communication on selected book titles in Humanities and Social Sciences (May 1, 2016)

Case Study 2: Proofreading & peer review

LangSci Press

- an open access publisher at Freie Universität Berlin
- starts using PaperHive for their community proofreading and open peer review projects on articles and books (May 31, 2016)

Integration and partners

- Easy and fast integration: PaperHive only requires basic article meta data from publisher
- All article traffic still goes to publisher
- Publishers and repositories we are already working with include:

- Discussions are safely archived with trusted preservation service providers
- PaperHive is financially supported by:

Put great literature
in the limelight at
PaperHive.org!

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@paperhive | Ackerstr. 76, Berlin