Dissecting and Folding Stacked Geometric Figures

> Greg N. Frederickson Purdue University



Permission is granted only to DIMACS to post this copy of Greg N. Frederickson's talk, "Dissecting and Folding Stacked Geometric Figures", on its website.

No permission is granted for others to copy any portions of this talk for their own or anyone else's use. If you have what you feel is a justifiable use of this talk, contact me (<u>gnf@cs.purdue.edu</u>) to ask permission. Because producing this material was a lot of work, I reserve the right to deny any particular request.





















































































































































## Conclusion

Folding a *m*-high figure to a *n*-high figure is:

- \* Nifty variation on piano-hinged dissections.
- \* At least as challenging than phd's.
- \* Great basis for manipulation puzzles.
- \* Math/puzzle/art that is within reach.
- \* A lot of fun!

May the Folds be with you!