Web Page of the Paper `Enumeration Schemes, and More Importantly, Their Automatic Generation'

Last update: Aug. 12, 2004 (to include a link to Vince Vatter's brilliant extension).

Previous updates: May 26, 1998, May 27, 2003 (thanks to Vince Vatter).

Welcome to the Web page of the paper <u>Enumeration Schemes</u>, and <u>More Importantly</u>, <u>Their Automatic Generation</u>, by <u>Doron Zeilberger</u>.

Make sure to download the Maple Package <u>WILF</u> (last update May 27, 2003, thanks to Vince Vatter) that accompanies the paper.

You may also like to examine the empirical approach of the Maple package **HERB**.

Here are Nine successful input and output files.

Example 1 that yielded the output Output for Example 1.

Example 2 that yielded the output Output for Example 2.

Example 3 that yielded the output Output for Example 3.

Example 4 that yielded the output Output for Example 4.

Example 5 that yielded the output Output for Example 5.

Example 6 that yielded the output Output for Example 6.

Example 7 that yielded the output Output for Example 7.

Example 8 that yielded the output Output for Example 8.

Example 9 that yielded the output Output for Example 9.

Added Aug. 12, 2004: My brilliant student <u>Vince Vatter</u>, has considerably extended the present method, to include many more cases. See his Maple package <u>WILFPLUS</u>