Problems Section

The Problems Section of the *Journal of Global Optimization* aims at furthering knowledge of actual and potential applications of Global Optimization as well as the testing and improvement of methods and codes from experience gained through the solution of practical problems. To this effect, it will publish short communications on open problems, either numerical or mathematical, and on solutions to these problems.

Communications on open problems of a numerical character should include: 1. Motivation (short statement of the problem's origin and significance); 2. Mathematical expression of the problem (in parametric form); 3. Numerical data for one to three instances (if possible the smallest one appearing as "just out of reach" for methods known to the author) together with best known solutions (if any); 4. References (not more than five). Length should not exceed four double-spaced typewritten pages. Communications on open problems of mathematical character should include 1, 3 and 4 of the above and not exceed two double-spaced typewritten pages. Communications on solutions to numerical problems should not exceed two double-spaced typewritten pages. They should include: 1. Optimal (or significantly improved) value and corresponding solutions; 2. Mention of the method used and fine tuning if any; 3. References. Communications on solutions to mathematical problems should not exceed four double-spaced typewritten pages. If more space is needed, a regular paper should be submitted to the Journal.

All communications on open problems and their solutions should be addressed (in three copies) directly to

> Professor Pierre Hansen
> Editor, Open Problems Section
> Journal of Global Optimization
> GERAD, Ecoles des Hautes Etudes Commerciales
> 5255, Avenue Decelles
> Montréal H3T1V6
> Canada