A DS5 (Direct-Searcher Automatic System Version 5) Program for small Molecules Running on Windows PCs

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New developed ***DS5*** (Direct-Searcher automatic system ver. 5) for the crystal structure analysis of organic compounds running on PCs is one program that is integrated into one from more than 20 main programs and subroutine/graphic libraries of the *DS*SYSTEM* series [1,2]. Three features of the ***DS5*** are: input instruction data have compatibilities with *Shelx* series [3], calculation sequences are controlled by subprogram names that are prepared by user, and graphical outputs are displayed on PC with Postscript/HP-GL files. All functions of the ***DS5*** are inherited from of the *DS*SYSTEM4*.

1) Data reduction (6): *ABSORP, AFCR, CONVERT, LQPARM, RDEDIT, SPACEG*
2) Calculation (8): COMPARE, *DISTAGL, LSBF, PARST, ROTEN, SFFR, Shake (ShakePSD), THMA*
3) Display and Plot (4): *DISTAGL, ORTEP3, PLUTO, ROTENP*
4) Publication (3): *DISTAGL, PARSTC, TABLES*
5) Document (2): *Manual, Help File*

[1] Okada S., Okada K., *Z. Kristallogr*., 2000, **215**, 131. [2] Okada K., Okada S., *J. Chem. Inf. Comput. Sci*., 1997, **37(3)**, 522. [3] Sheldrick G. M., SHELXL97: Program for the Refinement of Crystal Structures. University of Göttingen, 1997.

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