

综合报告会

Lecture

国家数学与交叉科学中心

Time: 3:00 pm, December 7, 2012

Venue: 蓝白楼 301

Computer-Assisted Discovery of Novel Chemical Reactions



Speaker: Prof. Nikolay Zefirov

Full Member of the Russian Academy of Sciences

Director of the Institute of Physiologically Active Compounds of the Russian Academy of Sciences

Head of the Laboratory of Organic Chemistry of Moscow State University

Abstract:

Using "formal-logical approach" to recognize the similarity in description of chemical reactions, graph-based approach for search of novel reactions was developed. Success of the approach will be exemplified by real experimental proof.