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**POLYMER celebrates its 50th birthday in March 2010**

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Rumen Duhlev

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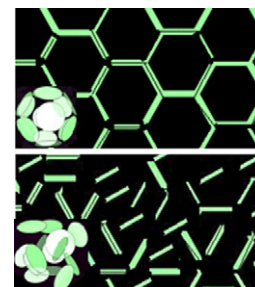
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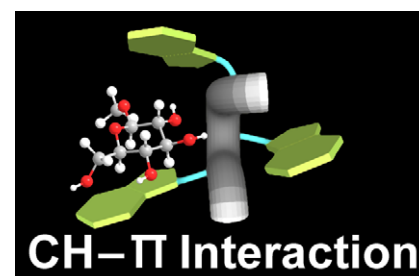
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Akihito Hashidzume<sup>\*</sup>, Atsushi Tanaka, Takahiro Sato

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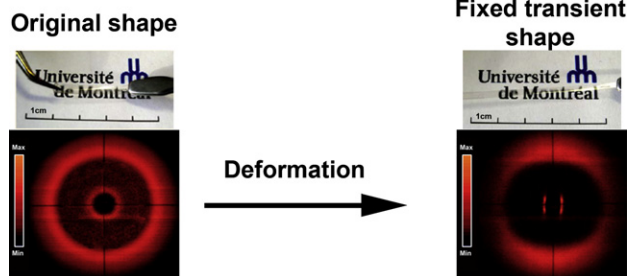


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Montréal, QC H3C 3J7, Canada



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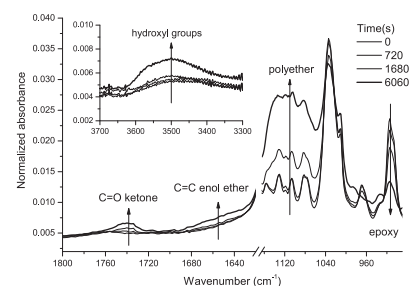
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Marcel·lí Domingo s/n, 43007 Tarragona, Spain



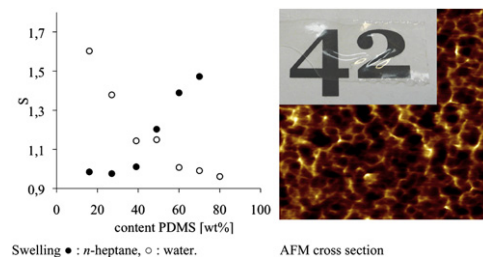
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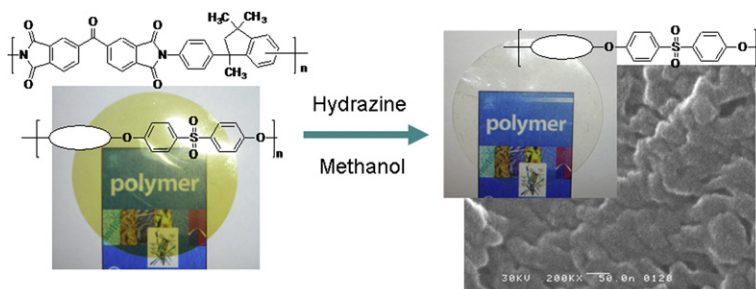


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Yong Ding\*, Benjamin Bikson

PoroGen Corporation, 6C Gill Street, Woburn, MA 01801, USA

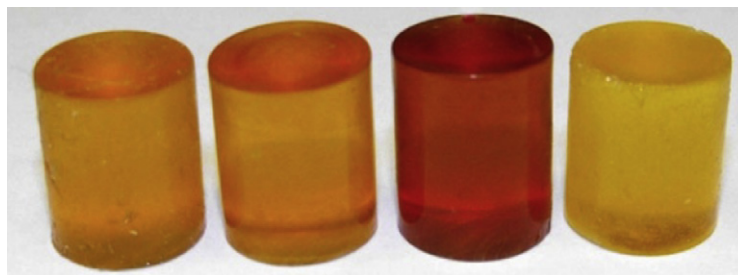


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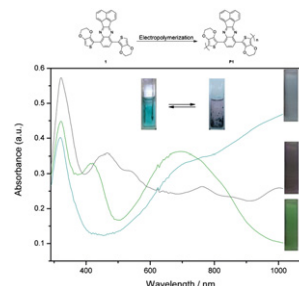
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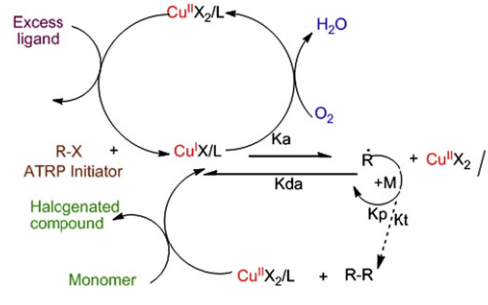
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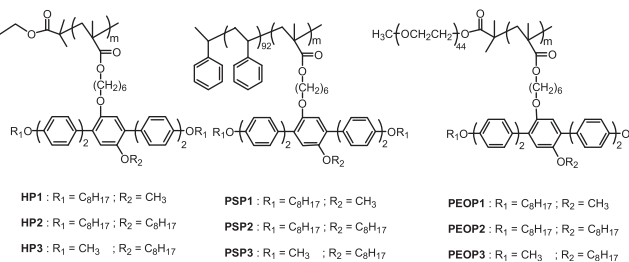
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Ling-Yung Wang, Kuang-Chieh Li, Hong-Cheu Lin\*

Department of Materials Science and Engineering, National Chiao Tung University, 1001 Ta Hsueh Road, Hsinchu, Taiwan 30049, ROC



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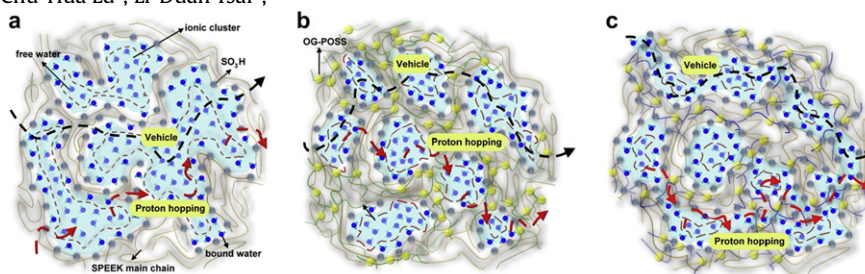
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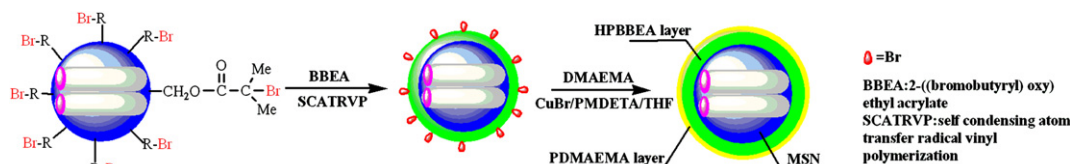


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Xin Li, Chun-Yan Hong<sup>\*</sup>, Cai-Yuan Pan

CAS Key Laboratory of Soft Matter Chemistry, Department of Polymer Science and Engineering,  
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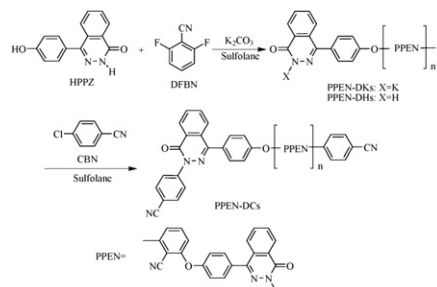
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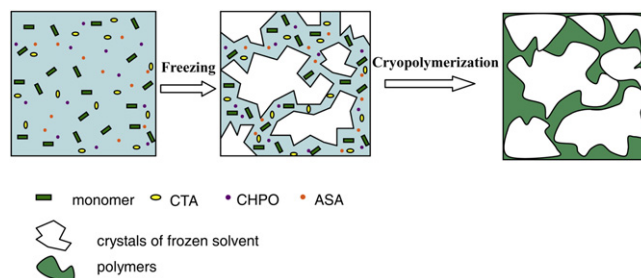


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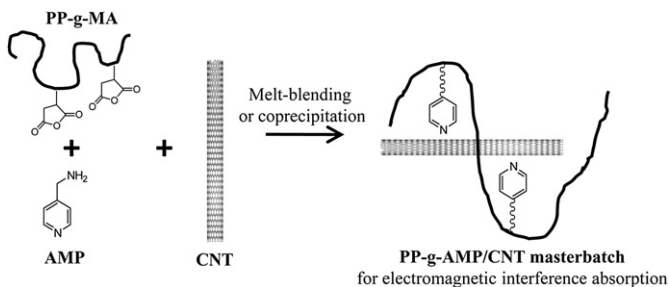
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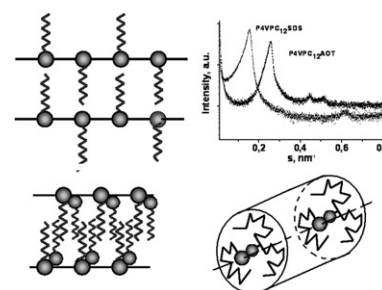
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<sup>b</sup> Institute of Crystallography, Russian Academy of Sciences, 59 Leninsky Pr., Moscow 117333, Russia

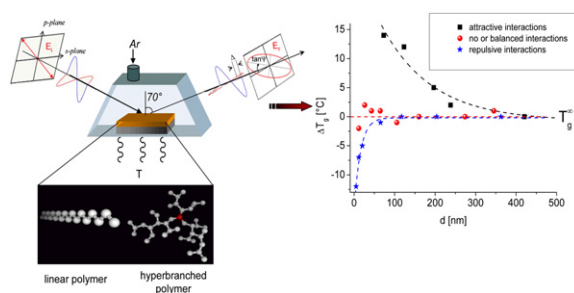


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M. Erber, A. Khalyavina, K.-J. Eichhorn<sup>\*</sup>, B.I. Voit

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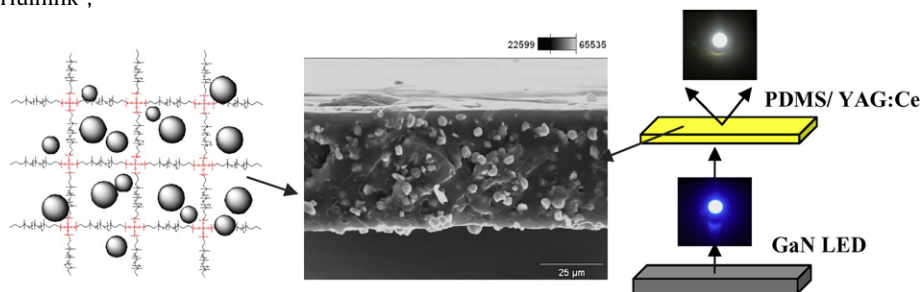
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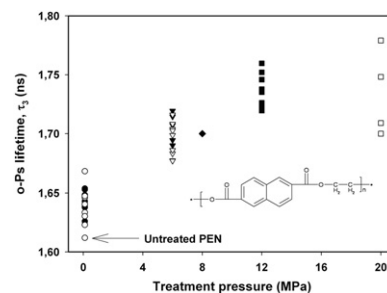
<sup>b</sup> Department of Applied Physics, Eindhoven University of Technology, PO Box 513, 5600 MB Eindhoven, The Netherlands



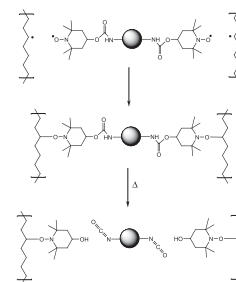


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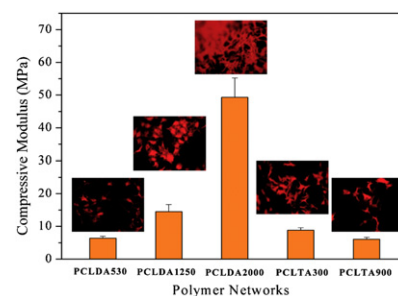
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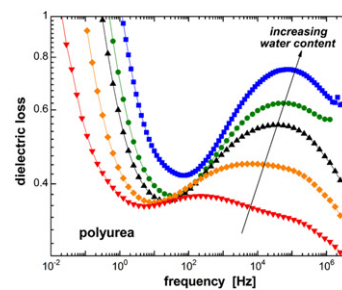
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Lei Cai, Shanfeng Wang\*

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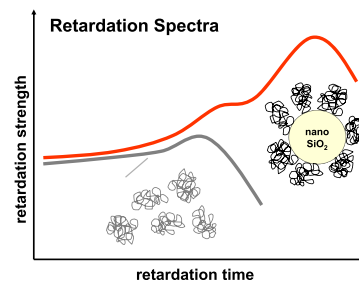
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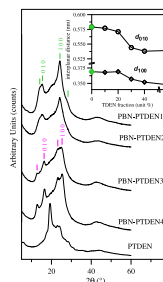
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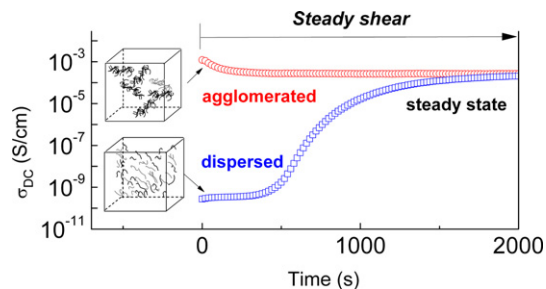
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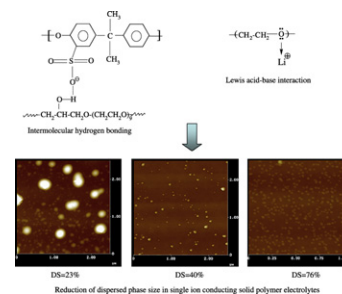


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Soma Guhathakurta, Kyonsuku Min\*

Department of Polymer Engineering, The University of Akron, Akron, OH 44325-0301, USA



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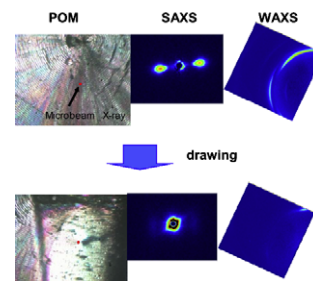
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<sup>d</sup> Japan Synchrotron Radiation Research Institute, Mikazuki, Hyogo, Japan



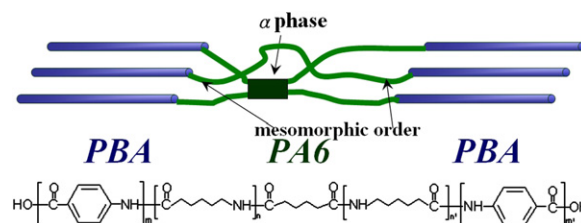
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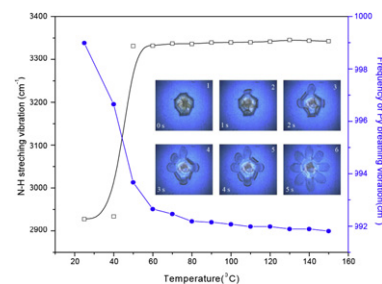


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Shaojun Chen, Jinlian Hu<sup>\*</sup>, Haitao Zhuo, Chunwah Yuen, Laikuen Chan

Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, China

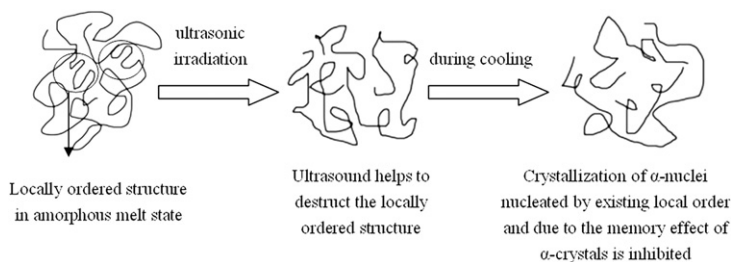


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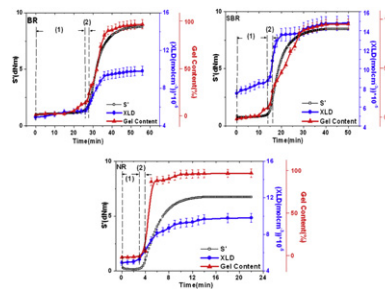


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Ping Zhang, Fei Zhao, Yuan Yuan, Xinyan Shi, Shugao Zhao\*

Key Laboratory of Rubber-Plastics, Ministry of Education, Qingdao University of Science and Technology, Qingdao 266042, China

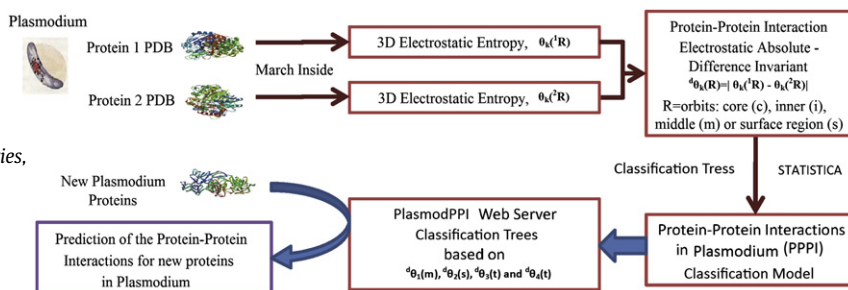


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<sup>b</sup> Department of Information and Communication Technologies, Computer Science Faculty, University of A Coruña, Campus de Elviña, 15071, A Coruña, Spain

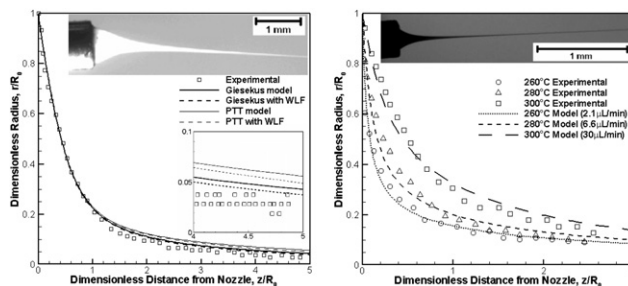


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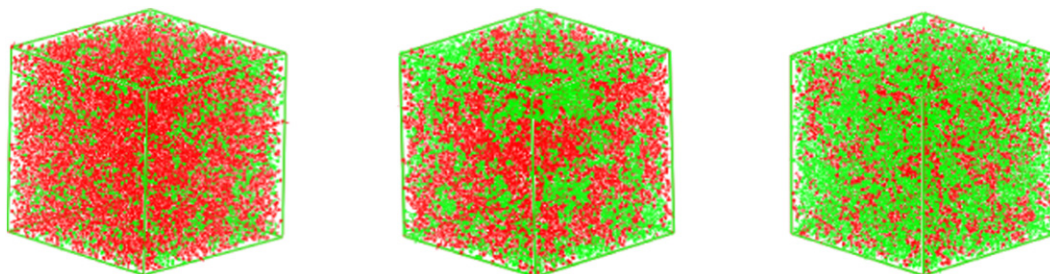


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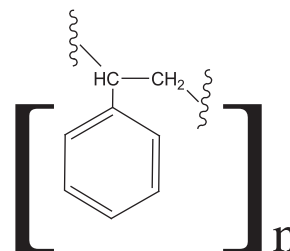
Zhonglin Luo, Jianwen Jiang\*

National University of Singapore, Department of Chemical and Biomolecular Engineering, 117576 Singapore

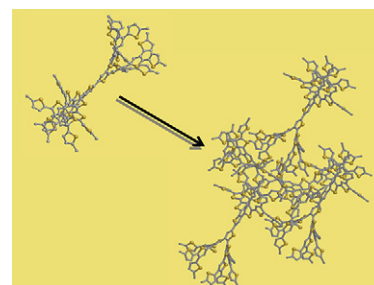


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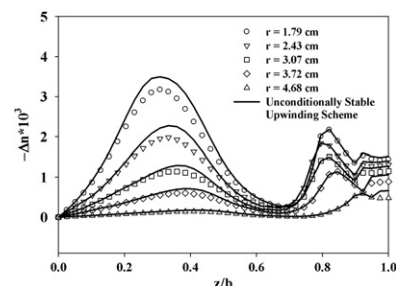
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Francisco Rodríguez-Ropero<sup>a,\*</sup>, David Zanuy<sup>a,\*</sup>, Carlos Alemán<sup>a,b,\*</sup><sup>a</sup> Departament d'Enginyeria Química, E. T. S. d'Enginyeria Industrial de Barcelona, Universitat Politècnica de Catalunya, Diagonal 647, 08028 Barcelona, Spain<sup>b</sup> Center for Research in Nano-Engineering, Universitat Politècnica de Catalunya, Campus Sud, Edifici C', C/Pasqual i Vila s/n, Barcelona E-08028, Spain**Frozen-in birefringence and anisotropic shrinkage in optical moldings: I. Theory and simulation scheme**

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