Yoav Tsori **5/2026**

CURRICULUM VITÆ

Address:
Department of Chemical Engineering
Ben-Gurion University of the Negev
84105 Beer-Sheva, Israel
Email: tsori@bgu.ac.il
Tel (972)-8-647 7794
Fax (972)-8-647 2916
Web: http://www.bgu.ac.il/∼tsori

OrcidID: 0000-0003-3664-6498
ResearcherID: F-1524-2012
ScopusID: 6603006999

Member of the Ilse Katz Institute for Nanoscale Science & Technology, and the Reimund Stadler Minerva Center for Mesoscale Macromolecular Engineering.

Employment

Aug. 2022 – Present: Head, Dept. Chemical Engineering (Ben Gurion Univ., Israel)
Mar. 2015 – Present: Full Professor, Dept. Chemical Engineering (Ben Gurion Univ., Israel)
Oct. 2009 – Mar. 2015: Associate Professor, Dept. Chemical Engineering (Ben Gurion Univ., Israel)
Apr. 2005 – Oct. 2009: Senior Lecturer, Dept. Chemical Engineering (Ben Gurion Univ., Israel)
Sep. 2004 – Mar. 2005: Post-doc with Profs. J.-F. Joanny/J. Prost (Institut Curie, Paris)
Sep. 2003 – Sep. 2004: Post-doc with Prof. P.-G. de Gennes (Collège de France, Paris)
Oct. 2001 – Sep. 2003: Post-doc with Prof. Ludwik Leibler (ESPCI, Paris), Chateaubriand fellowship program.

Education

1998-2001: Graduate studies in Condensed Matter Physics: Ph.D. student.
Tel Aviv University, Israel.
2001: Ph.D. in Physics, with distinction.
Thesis Subject: *Ordered Morphologies of Diblock Copolymers in Bulk and Thin-Film Systems.*
Supervisor: Prof. D. Andelman.

1996-1997: Graduate studies in Condensed Matter Physics: M.Sc. student.
Hebrew University, Jerusalem, Israel.
1997: M.Sc. in Physics, Magna cum Laude.
Thesis Subject: *On the Theory of a Two-Dimensional Ballast Resistor.*
Supervisor: Prof. B. Meerson.

1992-1995: Undergraduate studies in Combined Mathematics – Physics Program.
Hebrew University, Jerusalem, Israel.
1995: B.Sc. in Combined Mathematics – Physics Program.

Awards and Appointments

- Frankel Family Chair in Energy and Chemical Engineering (2018 – today).
- Member of the Young Academy of Europe (YAE) (2013 – 2019).
  http://www.yacadeuro.org.
- Chair Michelin, Ecole Supérieure de Physique et de Chimie Industrielles (ESPCI) (2008).
- The Joseph and May Winston Foundation Career Development Chair in Chemical Engineering (2008).
- The Wolf Foundation Krill Prize for Excellence in Scientific Research (2007).
- Toronto prize for excellency in scientific research (2006).
- Joliot Curie visiting professor, ESPCI (2005).
- Chateaubriand fellowship (2001).
- Excellency award of the Union of Iranian Immigrants in Israel (1995).
- Excellency award of the Karples Family (HUJI, 1995, 1996).

Edited Books

- "Polymers, liquids and colloids in electric fields: Interfacial instabilities, orientation, and phase-transitions"
  Eds. Y. Tsori and U. Steiner, World Scientific (2008).

Book Chapters

- Y. Tsori
  External-Field Induced Pattern Formation in Some Polymer Systems,
  In *Nonlinear Dynamics in Polymeric Systems*,
  ACS Symposium Series No. 869; Pojman, J. A.; Tran-Cong-Miyata, Q. Eds.; Oxford University Press: Oxford, 2003; pp 264.

Grants

- Y. Tsori
  Fluids in field gradients: Electrolubrication, Hall effect and more,
  Israel Science Foundation (ISF) grant no. 332/24, 2024-2028.
- Y. Tsori
  Nucleation, ordering, and crystallization in electric field gradients,
  Israel Science Foundation (ISF) grant no. 274/19, 2019-2023.

- Y. Tsori
  Electrostatics of liquid mixtures – phase transitions, colloidal stabilization and flow,
  Israel Science Foundation (ISF) grant no. 56/14, 2014-2018.

- Y. Tsori
  NANOFLUIDS – Heat capacity of ionic liquids,
  Abengoa Solar New Technology, 2015-2016.

- Y. Tsori
  Phase Transitions and Chemical and Biological Reactions in Electric Field Gradients,
  European Research Council (ERC) "Starting Grant" no. 259205, 2010-2015.

- Y. Tsori
  Phase transitions in liquid mixtures in electric fields gradients,
  Israel Science Foundation (ISF) grant no. 11/10, 2010-2014.

- Y. Tsori and M. Müller
  Kinetics of directed assembly in diblock copolymer thin films under the influence of electric fields,
  Deutsche Forschungsgemeinschaft (DFG) grant no. MU1674/11-1, 2010-2013.

- Y. Tsori
  Demixing dynamics and instabilities in ion-containing liquid mixtures in nonuniform electric fields,
  Young German- Israel Fund (GIF) grant no. 2144-1636.10/2006, 2008.

- Y. Tsori
  Electric-Field Induced Phase Separation in Liquid Mixtures,
  Israel Science Foundation (ISF) grant no. 284/05, 2005-2008.

Patents

- Y. Tsori
  Modification of effective viscosity in liquid mixtures by an external potential,
  PCT IL2024/050569, PCT WO 2024257089.

- S. Samin and Y. Tsori
  Stabilization of particles in solutions using antagonistic salts,
  30403/US/12 PROV 61/772,261.

- Y. Tsori
  Electric-Field Induced Phase Separation in Liquid Mixtures,
  US 8357280 B2, PCT/IL2007/000737.

Invited Talks at Scientific Meetings

- *Electro-prewetting phase transitions and pattern-formation in liquid mixtures in electric field gradients*,
  SIAM Conference on Mathematical Aspects of Materials Science,
  Bilbao, Spain **5/2021** [postponed - COVID-19].

- *Force and Torque on an Uncharged Colloid in Water Near a Charged Wall*,
  Workshop on Optofluidics and Electrokinetics in Micro and Nanoscale Devices,
  Technion, Israel **12/2018**.

- *Reversible Pore Gating in Aqueous Mixtures Via External Potentials*,
  Reversible Control of Surface Interactions,
  Oxford, UK **9/2016**.

- *Phase Transitions in Polymers and Liquids in Electric Field Gradients*,
  Smart and Green Interfaces: Multiphase flows with/without phase change,
  Zaragoza, Spain **10/2013**.

- *The Interaction Between Colloids in Polar Mixtures*,
  Meeting of COST action MP1106 – Smart and green interfaces - from single bubbles and drops to industrial, environmental and biomedical applications,
  Academy of Sciences of the Czech Republic, Prague **3/2013**.

- *Dynamics of Phase Transitions in Liquids in Electric Fields*,
  CMS summer school on Microstructure: evolution and dynamics,
  Technion, Israel **8/2013**.

- *The Interaction Between Colloids in Polar Mixtures*,
  Workshop on New Challenges in Electrostatics of Soft and Disordered Matter,
  Toulouse, France **5/2012**.

- *Phase Transitions in Polymers and Liquids in Electric Field Gradients*,
  The 9th Stadler Minerva Student Workshop,
  Ein-Gedi, Israel **3/2011**.

- *Demixing with Electric Field Gradients*,
  Electrokinetic Phenomena in Nano-Colloids and Nano-Fluidics,
  Technion, Israel **12/2010**.

- *Phase Transitions in Nonuniform Forcing*,
  Workshop on Fluctuation-induced Forces in Condensed Matter, Max-Planck Institute for the Physics of Complex Systems,
  Dresden, Germany **10/2010**.

- *Phase Separation Transition in Liquids in Electric Field Gradients*,
  Tel Aviv Symposium in Chemical Physics,
  Tel Aviv, Israel, **6/2009**.

- *Phase Separation Transition in Liquids in Electric Field Gradients*,
  Soft matter at interfaces: from self assembly to nano-confinement,
  Neve Ilan, Israel, **6/2009**.

- *Phase Separation Transition in Liquids in Electric Field Gradients*,
  EU SoftComp Network on Self-Assembly and Biomimetics,
  Weizmann Institute of Science, Rehovot, Israel, **3/2009**.

- *Phase Transitions in Polymers and Liquids in Electric Fields*,
  Meeting of the Israel Chemical Society,
  Tel-Aviv, Israel, **2/2009**.

- *Phase-Separation Transition in Liquid Mixtures Near Charged Objects*,
  Franco-Israeli Trends in soft matter, biophysics and microfluidics,
  Biarritz, France **10/2007**.

- *Discontinuous Liquid Rise in Capillaries With Varying Cross-Sections*,
  Israel Physics Society annual meeting, Jerusalem, Israel, **12/2006**.

- *Phase Separation in Liquid Mixtures Induced by External Fields: switchable lubrication and more*,
  4th Eastern Mediterranean Chemical Engineering Conference,
  Dead Sea, Israel **1/2006**.

- *On the Rise and Fall of Liquid in Capillaries With Nonuniform Cross-Sections*,
  Symposium in honor of Prof. P.-G. de Gennes,
  Trieste, Italy, **5/2006**.

- *Phase-Separation in Liquid Mixtures Induced by Spatially Nonhomogeneous Forces*,
  Matnon 2005, International symposium on forefront of nonlinear science
  and its applications to materials science in the 21st century,
  Kyoto, Japan, **9/2005**.

Editorials and Citations

- Review in **Science Now**: *"Parting the Oils"*, by A. Cho, *Science Now*, 28 **July** (2004).

- Review in **Physics Web**: *"Liquid Separation Goes Electric"*, by I. Dumé, *Physics Web*, 28 **July** (2004).

- Media clip in **PhysOrg**: *"Electric-Field-Induced Phase-Separation of Liquid Mixtures"*, by A. Pol, *PhysOrg*, 9 **Aug** (2004).

- Review story on bacteria work in **Science & Vie**: *"La Bactérie, le Trou Noir et le Polaron"*, by F. Lassagne, *Science & Vie* (Hors séries), **September**, pg 42 (2004).

- Article *"Champ Électrique et Démixtion"*, in *Pour la Science*, n° **324** pg 18, **Octobre** (2004).

- Interview in **La Recherche**: *"Une Méthode Simple Pour Séparer des Liquides"*, by Jean-Baptiste Guion, *La Recherche*, n° **379** pg 12, **Octobre** (2004).
- Article *"La Démixtion Controlée par Champ Électrique"*, by Nadége Aumond, *l'Usine Nouvelle*, n° **2937** pg 48, 28 **Octobre** - 3 **Novembre** (2004).

Book Chapters, Conference Proceedings/Abstracts

- J. Galanis, S. Samin and Y. Tsori
  Controlling the fluid-fluid mixing-demixing phase transition with electric fields,
  In *Electrostatics of Soft and Disordered Matter*. Eds. D.S. Dean, J. Dobnikar, A. Naji and R. Podgornik. Proceedings of the CECAM Workshop "New challenges in Electrostatics of Soft and Disordered Matter" (Pan Stanford Publishing, 2013).
- S. Samin, G. Marcus and Y. Tsori
  Phase-separation transition in binary mixtures near charged cylindrical surfaces,
  Proceedings of the 10th Granada Seminar, Sep 15-19, 2008.
  Modeling and Simulation of New Materials (AIP conference proceedings) **1091** (2009).
- Y. Tsori and D. Andelman
  Control of diblock copolymer morphology in thin film,
  Abstracts of papers of the American Chemical Society **224**, U485-U485 762-POLY Part 2, (2002).
- Y. Tsori and D. Andelman
  Ordered Morphologies of Confined Diblock Copolymers,
  Symposium Proceedings, Dynamics in Small Confining Systems, MRS Fall Meeting 2000 (Boston).
  Mat. Res. Soc. Symp. Proc. 651, T8.1.1-T8.1.11 (2001) [cond-mat/0101022].

List of Publications

68. Y. Tsori
Optimization of binary thermal composites: Diffuse interface formulation with anisotropic interfacial contact resistance,
Submitted (2026).

67. Y. Tsori
Theory of magneto-electrokinetics in unidirectional electrolyte flow,
Submitted (2026).

66. Y. Tsori and H. Uecker
Electrolyte flows under magnetic fields: Manning-like counterion condensation in one dimension,
Phys. Rev. E. **113**, 055105 (2026).
https://doi.org/10.1103/1brx-trmc.

65. A. Chen, S. Gat, L. Ohana, E. Yekimov, Y. Tsori and Bernheim-Groswasser
Strategy for generating giant unilamellar vesicles with tunable size using the modified cDICE method,
ACS Synth. Biol. **14**, 2597 (2025).
https://doi.org/10.1021/acssynbio.5c00026.

64. R. Kroll and Y. Tsori
The effect of ion solvation on ion-induced nucleation – A modified Thomson model,
Phys. Fluids. **36**, 127139 (2024).
https://doi.org/10.1063/5.0243822 [arXiv:2412.13944].

63. R. Kroll and Y. Tsori
Electrolubrication in liquid mixtures between two parallel plates,
J. Fluid Mech. **982**:A27 (2024).
https://doi.org/10.1017/jfm.2024.144 [arXiv:2403.11881].

62. R. Kroll, M. Gottlieb and Y. Tsori
Surface tension between liquids containing antagonistic and regular salts,
Eur. Phys. J. E **46**, 116 (2023).
https://doi.org/10.1140/epje/s10189-023-00378-4.

61. R. Kroll and Y. Tsori
Nucleation by a charged particle in fluids containing salt,
J. Coll. Interf. Sci. **650**, 13–18 (2023).
https://doi.org/10.1016/j.jcis.2023.06.149.

60. Y. Tsori
Electrolubrication in flowing liquid mixtures,
Phys. Fluids **33**, 073306 (2023).
https://doi.org/10.1063/5.0152506 [arXiv:2403.11846].

59. R. Kroll and Y. Tsori
Phase lines in mean-field models with nonuniform external forces,
J. Chem. Phys. (Communication) **157**, 231103 (2022).
https://doi.org/10.1063/5.0129110 [arXiv:2204.06510].

58. M. Singh and Y. Tsori
Bistable colloidal orientation near a charged surface.
Colloids and Surfaces A: Physicochemical and Engineering Aspects **652** 129834 (2022),
https://doi.org/10.1016/j.colsurfa.2022.129834 [arXiv: 2208.02106].

57. Y. Tsori and R. Granek
Spatiotemporal spread of COVID-19: Comparison of the inhomogeneous SEPIR model and data from South Carolina,
PLOS ONE **17(6)**, 1-14 (2022).
https://doi.org/10.1371/journal.pone.0268995.
medRxiv https://doi.org/10.1101/2021.08.15.21262074.

56. Y. Tsori
Electroprewetting near a flat charged surface,
Phys. Rev. E. **104**, 054801 (2021) [arXiv:2111.07317].
https://doi.org/10.1103/PhysRevE.104.054801.

55. R. Kroll and Y. Tsori
Liquid nucleation around charged particles in the vapor phase,
J. Chem. Phys. **155**, 174101 (2021) [arXiv:2111.02255].
https://doi.org/10.1063/5.0067249.

54. Y. Tsori and R. Granek
Epidemiological model for the inhomogeneous spatial spreading of COVID-19 and other diseases,
PLOS ONE **16**, 1 (2021).
https://doi.org/10.1371/journal.pone.0246056.
medRxiv https://doi.org/10.1101/2020.07.08.20148767.

53. Z. Chernia and Y. Tsori
Hydrogen bonding of Dimethylpyridine's molecular clusters in water: The Quantum Mechanical description of the LCST's hierarchy in phase separation phenomena,
J. Chem. Phys. **152**, 204304 (2020).
https://doi.org/10.1063/1.5143847.

52. R. Kroll and Y. Tsori
Surface tension in liquids containing antagonistic ions,
Soft Matter **16**, 2055 (2020).
https://doi.org/10.1039/C9SM02135C.

51. Y. Tsori
Bistable colloidal orientation in polar liquid near a charged wall,

J. Coll. Interf. Sci. **559**, 45-50 (2020) [arXiv:1910.06580].
https://doi.org/10.1016/j.jcis.2019.09.096.

50. J. Galanis and Y. Tsori
Surface tension and domain growth in nonuniform electric fields,
Eur. Phys. J.-Spec. Top. **227**, 2675 (2019).

49. S. D. Deshmukh and Y. Tsori
Controlled chemical kinetics in porous membranes,
J. Phys. Chem. B **122**, 8269 (2018).

48. Z. Chernia and Y. Tsori
Complexation reactions in pyridine and 2,6-dimethylpyridine-water system: The quantum-chemical description and the path to liquid phase separation,
J. Chem. Phys. **148**, 104306 (2018).

47. Y. Katsir and Y. Tsori
Recent advances in liquid mixtures in electric fields,
J. Phys.: Condens. Matter **29**, 063002 (2017) [arXiv:1701.02482].

46. S. Samin and Y. Tsori
Reversible pore gating in aqueous mixtures via external potential,
Coll. Interf. Sci. Comm. **12**, 9 (2016).

45. S. D. Deshmukh and Y. Tsori
Control of chemical reactions using electric field gradients,
J. Chem. Phys. (Communication) **144**, 191102 (2016) [arXiv:1701.04980].

44. J. Galanis and Y. Tsori
Interface initiation and propagation in liquid demixing with electric fields,
J. Chem. Phys. **141**, 214506 (2014).

43. S. Samin, M. Hod, E. Melamed, M. Gottlieb and Y. Tsori
Stabilization of colloids by addition of salt,
Phys. Rev. Applied **2**, 024008 (2014) [arXiv:1409.3557].

42. K. Orzechowski, M. Adamczyk, A. Wolny and Y. Tsori
Shift of the critical mixing temperature in strong electric fields. Theory and experiment,
J. Phys. Chem. B **118**, 7187-7194 (2014).

41. U. Welling, M. Müller, H. Shalev and Y. Tsori
Block copolymer ordering in cylindrical capacitors,
Macromolecules **47**, 1850-1864 (2014).

40. J. Galanis and Y. Tsori
Phase separation dynamics of simple liquids in non-uniform electric fields,
J. Chem. Phys. **140**, 124505 (2014).

39. S. Samin and Y. Tsori
Stabilization of charged and neutral colloids in salty mixtures,
J. Chem. Phys. **139**, 244905 (2013) [arXiv:1312.7199].

38. J. Galanis and Y. Tsori
Mixing-demixing phase diagram for simple fluids in non-uniform electric fields,
Phys. Rev. E **88**, 012304 (2013) [arXiv:1307.4520].

37. S. Samin, Y. Tsori, and C. Holm
Vapor-liquid coexistence of the Stockmayer fluid in nonuniform external fields,
Phys. Rev. E **87**, 052128 (2013) [arXiv:1303.2293].

36. S. Samin and Y. Tsori
The interaction between colloids in polar mixtures above T_c,
J. Chem. Phys. **136**, 154908 (2012) [arXiv:1201.3535].

35. S. Samin and Y. Tsori
Attraction between like-charge surfaces in polar mixtures,
EPL **95**, 36002 (2011) [arXiv:1103:0544].

34. S. Samin and Y. Tsori
Vapor-liquid equilibrium in electric field gradients,
J. Phys. Chem. B **115**, 75 (2011).

33. G. G. Putzel, D. Andelman, Y. Tsori and M. Schick
Ionic effects on the electric field needed to orient dielectric lamellae,
J. Chem. Phys. **132**, 164903 (2010) [arXiv:1004:5158].

32. V. Viasnoff, A. Meller, U. Bockelmann, H. Isambert and Y. Tsori
Localized Joule heating produced by ion current focusing through micron-size holes,
Appl. Phys. Lett. **96**, 163701 (2010) [arXiv:1004.4740].

31. S. Samin and Y. Tsori
Stability of binary mixtures in electric field gradients,
J. Chem. Phys. **131**, 194102 (2009) [arXiv:0907.4855].

30. Y. Tsori
Colloquium: Phase transitions in polymers and liquids in electric fields,
Rev. Mod. Phys. **81**, 1471 (2009) [arXiv:0912.1736].

29. G. Marcus and Y. Tsori
Phase separation transition in liquids and polymers induced by electric field gradients,
J. Phys. Soc. Jap. **78**, 041010 (2009) [arXiv:0901.1990].

28. G. Marcus, S. Samin and Y. Tsori
Phase-separation transition in liquid mixtures near curved charged objects,
J. Chem. Phys. **129**, 061101 (2008) [arXiv:0712.2901].

27. Y. Tsori, D. Andelman and J.-F. Joanny
Interfacial instability of charged end-group polymer brushes,
Europhys. Lett. **82**, 46001 (2008) [arXiv:0801.3318].

26. Y. Tsori and L. Leibler
Phase-separation of miscible liquids in a centrifuge,
C. R. Physique **8**, 955 (2007) [arXiv:0707.2266].

25. Y. Tsori
Discontinuous meniscus location in tapered capillaries driven by pressure difference and dielectrophoretic forces,
Langmuir **23**, 8028 (2007) [cond-mat/0702099].

24. Y. Tsori and L. Leibler
Phase-separation in ion-containing mixtures in electric fields,
Proc. Natl. Acad. Sci. USA **104**, 7348 (2007) [cond-mat/0610475].

23. Y. Tsori
Lamellar phase in nonuniform electric fields: Breaking the in-plane rotation symmetry and the role of dielectric constant mismatch,
Macromolecules **40**, 1698 (2007) [cond-mat/0609319].

22. Y. Tsori
Discontinuous liquid rise in capillaries with varying cross-sections,
Langmuir **22**, 8860 (2006) [cond-mat/0604231].

21. Y. Tsori, C.-Y. Li, D. Andelman and M. Schick
Block-copolymers in electric fields – a comparison of single-mode and self-consistent field approximations,
Macromolecules **39**, 289 (2006) [cond-mat/0508179].

20. Y. Tsori and D. Andelman
Coarse graining in block copolymer films,
J. Pol. Sci.: Pol. Phys. B **44**, 2725 (2006) [cond-mat/0603096].

19. Y. Tsori, E. Sivaniah, D. Andelman and T. Hashimoto
Orientational transitions in symmetric diblock copolymers on rough surfaces,
Macromolecules (note) **38**, 7193 (2005) [cond-mat/0504410].

18. Y. Tsori and L. Leibler
Electrostatic cancellation of gravity effects in liquid mixtures,
Phys. Rev. E (Brief Reports) **71**, 032101 (2005) [cond-mat/0501744].

17. Y. Tsori and P.-G. de Gennes
Damping of acoustic waves in dilute polymer solutions,
Macromolecules (Communication to the Editor) **37**, 8195 (2004) [cond-mat/0407698].

16. Y. Tsori, F. Tournilhac and L. Leibler
Demixing in simple fluids induced by electric field gradients,
Nature **430**, 544 (2004).

15. Y. Tsori and P.-G. de Gennes
Frustrated rotations in nematic monolayers,
Eur. Phys. J. E **14**, 91 (2004) [cond-mat/0404259].

14. Y. Tsori and P.-G. de Gennes
Self Trapping of a single bacterium in its own chemoattractant,
Europhys. Lett. **66**, 599 (2004) [q-bio.PE/0405005].

13. Y. Tsori
Controlled pattern formation in some block copolymer systems,
ACS symposium series **869**, 264-275 (2004).

12. Y. Tsori and D. Andelman
Parallel and perpendicular lamellae on corrugated surfaces,
Macromolecules **36**, 8560 (2003) [cond-mat/0304334].

11. Y. Tsori, F. Tournilhac and L. Leibler
Orienting ion-containing block copolymers using ac electric fields,
Macromolecules **36**, 5873 (2003) [cond-mat/0301116].

10. Y. Tsori, F. Tournilhac, D. Andelman and L. Leibler
Structural changes in block copolymers: coupling of electric field and mobile ions,
Phys. Rev. Lett. **90**, 145504 (2003) [cond-mat/0208129].

9. Y. Tsori and D. Andelman
Ordering mechanisms in confined diblock copolymers,
J. Interf. Sci. **11**, 259 (2003) [cond-mat/0208127].

8. Y. Tsori and D. Andelman
Control of diblock copolymer morphology in thin film,
Abstracts Of Papers Of The American Chemical Society **24**, U485 (2002).

7. Y. Tsori and D. Andelman
Thin films of diblock copolymer in electric field:
transition from perpendicular to parallel oriented lamellae,
Macromolecules **35**, 5161 (2002) [cond-mat/0110282].

6. Y. Tsori and D. Andelman
Diblock copolymers thin films: parallel and perpendicular
lamellar phases in the weak segregation,
Eur. Phys. J. E. **5**, 605 (2001) [cond-mat/0105213].

5. Y. Tsori and D. Andelman
Surface induced ordering in thin film diblock copolymers: tilted lamellar phases,
J. Chem. Phys. **115**, 1970 (2001) [cond-mat/0103250].

4. Y. Tsori and D. Andelman
Diblock copolymer ordering induced by patterned surfaces above the order-disorder transition,
Macromolecules **34**, 2719 (2001) [cond-mat/0007055].

3. Y. Tsori and D. Andelman
Diblock copolymer ordering induced by patterned surfaces,
Europhys. Lett. **53**, 722 (2001) [cond-mat/0007056].

2. Y. Tsori, D. Andelman and M. Schick
Defects in lamellar diblock copolymers: chevron- and omega-shaped tilt boundaries,
Phys. Rev. E. **61**, 2848 (2000) [cond-mat/9905378].

1. B. Meerson and Y. Tsori
Annular Ballast resistor: symmetry breaking, pinning and coarsening in a globally constrained reaction-diffusion system,
Phys. Rev. E. **57**, 159 (1998).