



**HAL**  
open science

# Analytic results for a phase transition in a planar array of chains

Victor Barsan

► **To cite this version:**

Victor Barsan. Analytic results for a phase transition in a planar array of chains. *Philosophical Magazine*, 2007, 87 (07), pp.1043-1055. 10.1080/14786430601021645 . hal-00513789

**HAL Id: hal-00513789**

**<https://hal.science/hal-00513789>**

Submitted on 1 Sep 2010

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



**Analytic results for a phase transition in a planar array of chains**

Journal:	<i>Philosophical Magazine &amp; Philosophical Magazine Letters</i>
Manuscript ID:	TPHM-06-Jul-0270.R1
Journal Selection:	Philosophical Magazine
Date Submitted by the Author:	13-Sep-2006
Complete List of Authors:	Barsan, Victor; NIPNE - National Institute of Physics and Nuclear Engineering, Department of Theoretical Physics
Keywords:	low-dimensional structures, phase transitions, specific heat
Keywords (user supplied):	
<p>Note: The following files were submitted by the author for peer review, but cannot be converted to PDF. You must view these files (e.g. movies) online.</p> <p>AnalyticResPhMg13Sep06.tex</p>	

