

# Excluded Volume Effects In Polymer Solutions: As Explained By The Renormalization Group By Lothar Schäfer

By Lothar Schäfer

## Excluded volume effects in the stabilization of -

is examined as a model of the stabilization of a colloidal system by adsorbed polymer. Excluded volume effects in the stabilization of colloids by polymers.

<http://scitation.aip.org/content/aip/journal/jcp/66/7/10.1063/1.434297>

## Excluded volume - Wikipedia, the free -

Excluded volume causes the ends of a polymer chain in a the set of conditions at which an experiment can be conducted that causes the excluded volume effect to be

[http://en.wikipedia.org/wiki/Excluded\\_volume](http://en.wikipedia.org/wiki/Excluded_volume)

## The Effect of Excluded Volume on Polymer -

The effect of excluded volume on polymer dispersant action that excluded volume effects would be very important for stability against this

<http://www.jstor.org/stable/78914>

## How does a flexible chain of active particles -

harmonic springs and no excluded volume between the Sch fer, Excluded Volume Effects in Polymer Solutions: As Explained by the Renormalization Group

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## Excluded Volume Effect of Chain Polymers -

Abstract The excluded volume effect of chain polymers is calculated by using the flexible random coil model. The intramolecular energy of polymer is assumed to be

<http://adsabs.harvard.edu/abs/1970JPSJ...29.1006K>

## CiteSeerX Polydisperse star polymer solutions -

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<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.242.7317>

## Polymers and Complex Matter - Abstract - Journal -

in his book Excluded Volume Effects in Polymer Solutions as Explained by the Renormalization Group covering `all Lothar Sch fer began his career in

<http://iopscience.iop.org/0953-8984/17/20/E01>

## Lattice Monte Carlo simulations of polymer melts -

We use Monte Carlo simulations to study polymer melts Sch fer, Excluded Volume Effects in Polymer Solutions as Explained by the Renormalization Group

<http://scitation.aip.org/content/aip/journal/jcp/141/23/10.1063/1.4903506>

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EXCLUDED VOLUME EFFECTS AND BINARY CLUSTER INTEGRALS IN DILUTE POLYMER SOLUTIONS HIROMI YAMAKAWA Department of Polymer Chemistry, Kyoto University, Kyoto, Japan

<http://old.iupac.org/publications/pac/1972/pdf/3101x0179.pdf>

### **Excluded Volume Effects in Polymer Solutions - GBV -**

Excluded Volume Effects in Polymer Solutions as Explained by the Renormalization Group Excluded Volume Region 99

<http://www.gbv.de/dms/ilmenau/toc/253832977.PDF>

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<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3746876/>

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as Explained by the Renormalization Group Excluded Volume Effects in Polymer Solutions Professor Dr. Lothar Sch fer (1)

<http://link.springer.com/book/10.1007/978-3-642-60093-7>

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Using Monte Carlo methods we have investigated the excluded volume effect on polymer melts in two dimensions. Investigating chain lengths of up to  $N = 59$  at con

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A transparent conformation space renormalization group formalism to the excluded-volume effects on semidiulate polymer solutions

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Excluded Volume Effects in Polymer Solutions as Explained by the Renormalization Group. Authors: Sch fer, Lothar

<http://www.springer.com/us/book/9783540655138>

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We introduce here the renormalization group, Excluded Volume Effects in Polymer Solutions. The Renormalization Group: Fundamental Aspects

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How to Cite. Kato, T. and Takahashi, A. (1996), Excluded volume effects of sulphobetaine polymers. Berichte der Bunsengesellschaft f r physikalische Chemie, 100: 784

<http://onlinelibrary.wiley.com/doi/10.1002/bbpc.19961000618/citedby>

### **Excluded volume effect of linear polymer -**

An approximate closed expression for the excluded volume effect of linear polymer molecules is developed with the aid of a uniform expansion model of perturbed chains.

<http://onlinelibrary.wiley.com/doi/10.1002/pol.1968.160060905/abstract>

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### **Biochemical Journal -**

Intrinsically disordered proteins participate Abbreviations: EV, excluded, volume They adopt ensembles of conformations in aqueous solutions for which no

<http://www.biochemj.org/content/449/2/307>

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Excluded Volume Effects in Polymer Solutions : As Explained by the Renormalization Group (L. Schafer) at Booksamillion.com. SchAfer gives a concise overview of the

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89 94 Elsevier BPC 00927 EXCLUDED-VOLUME EFFECT OF INERT MACROMOLECULES ON THE MELTING in the excluded volume between the inert polymer and

<http://www.sciencedirect.com/science/article/pii/0301462285800296>

**Books: Gaston, Level 2 (French Edition) -**

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