

# UC San Diego

## UC San Diego Previously Published Works

### Title

Publisher's Note: "Symmetry breaking effects of density gradient on parallel momentum transport: A new  $ps^*$  effect" [Phys. Plasmas 19, 012301 (2012)]

### Permalink

<https://escholarship.org/uc/item/2v3610qz>

### Journal

Physics of Plasmas, 19(3)

### ISSN

1070-664X

### Authors

Singh, Rameswar  
Singh, R  
Kaw, P  
[et al.](#)

### Publication Date

2012-03-01

### DOI

10.1063/1.3689012

### Copyright Information

This work is made available under the terms of a Creative Commons Attribution-NonCommercial-NoDerivatives License, available at <https://creativecommons.org/licenses/by-nc-nd/4.0/>

Peer reviewed

**Publisher's Note: "Symmetry breaking effects of density gradient on parallel momentum transport: A new  $s^*$  effect" [Phys. Plasmas 19, 012301 (2012)]**

Rameswar Singh, R. Singh, P. Kaw, Ö. D. Gürçan, P. H. Diamond, and H. Nordman

Citation: *Physics of Plasmas* (1994-present) **19**, 039901 (2012); doi: 10.1063/1.3689012

View online: <http://dx.doi.org/10.1063/1.3689012>

View Table of Contents: <http://scitation.aip.org/content/aip/journal/pop/19/3?ver=pdfcov>

Published by the [AIP Publishing](#)

---

**Articles you may be interested in**

Publisher's Note: "Momentum transport in the vicinity of  $q_{min}$  in reverse shear tokamaks due to ion temperature gradient turbulence" [Phys. Plasmas 21, 012302 (2014)]

Phys. Plasmas **21**, 039904 (2014); 10.1063/1.4869106

Toroidal momentum transport in a tokamak caused by symmetry breaking parallel derivatives

Phys. Plasmas **20**, 042506 (2013); 10.1063/1.4799750

Publisher's Note: "Changes in particle transport as a result of resonant magnetic perturbations in DIII-D" [Phys. Plasmas 19, 056503 (2012)]a)

Phys. Plasmas **19**, 079903 (2012); 10.1063/1.4740229


Symmetry breaking effects of density gradient on parallel momentum transport: A new  $s^*$  effect


Phys. Plasmas **19**, 012301 (2012); 10.1063/1.3672518

Publisher's Note: "Three-dimensional reconnection and relaxation of merging spheromak plasmas" [Phys. Plasmas 17, 102106 (2010)]


Phys. Plasmas **17**, 129901 (2010); 10.1063/1.3524299

---

A collection of five pieces of Pfeiffer Vacuum equipment, including a red turbopump, a silver turbopump, a white turbopump, a red turbopump with a metal flange, and a silver chamber component.

 Vacuum Solutions from a Single Source

- Turbopumps
- Backing pumps
- Leak detectors
- Measurement and analysis equipment
- Chambers and components

**PFEIFFER**  **VACUUM**

## **Publisher's Note: "Symmetry breaking effects of density gradient on parallel momentum transport: A new $\rho_s^*$ effect" [Phys. Plasmas 19, 012301 (2012)]**

Rameswar Singh,<sup>1,a)</sup> R. Singh,<sup>1</sup> P. Kaw,<sup>1</sup> Ö. D. Gürçan,<sup>2</sup> P. H. Diamond,<sup>3</sup> and H. Nordman<sup>4</sup>

<sup>1</sup>*Institute for Plasma Research, Bhat, Gandhinagar 382 428, India*

<sup>2</sup>*Laboratoire de Physique des Plasmas, Ecole Polytechnique, CNRS, 91128 Palaiseau Cedex, France*

<sup>3</sup>*Center for Astrophysics and Space Sciences, University of California, San Diego, 9500 Gilman Dr., La Jolla, California 92093-0424, USA*

<sup>4</sup>*Department of Earth and Space Sciences, Chalmers University of Technology, SE-412 96 Göteborg, Sweden*

(Received 13 January 2012; accepted 8 February 2012; published online 19 March 2012)

[<http://dx.doi.org/10.1063/1.3689012>]

This article was originally published online on 6 January 2012 with an error in the title of the full-text HTML versions. AIP apologizes for this error.

The article was correct as it appeared in the printed version of the journal. All online versions of the article were corrected on 18 January 2012.

---

<sup>a)</sup>Electronic mail: rameswar@ipr.res.in.