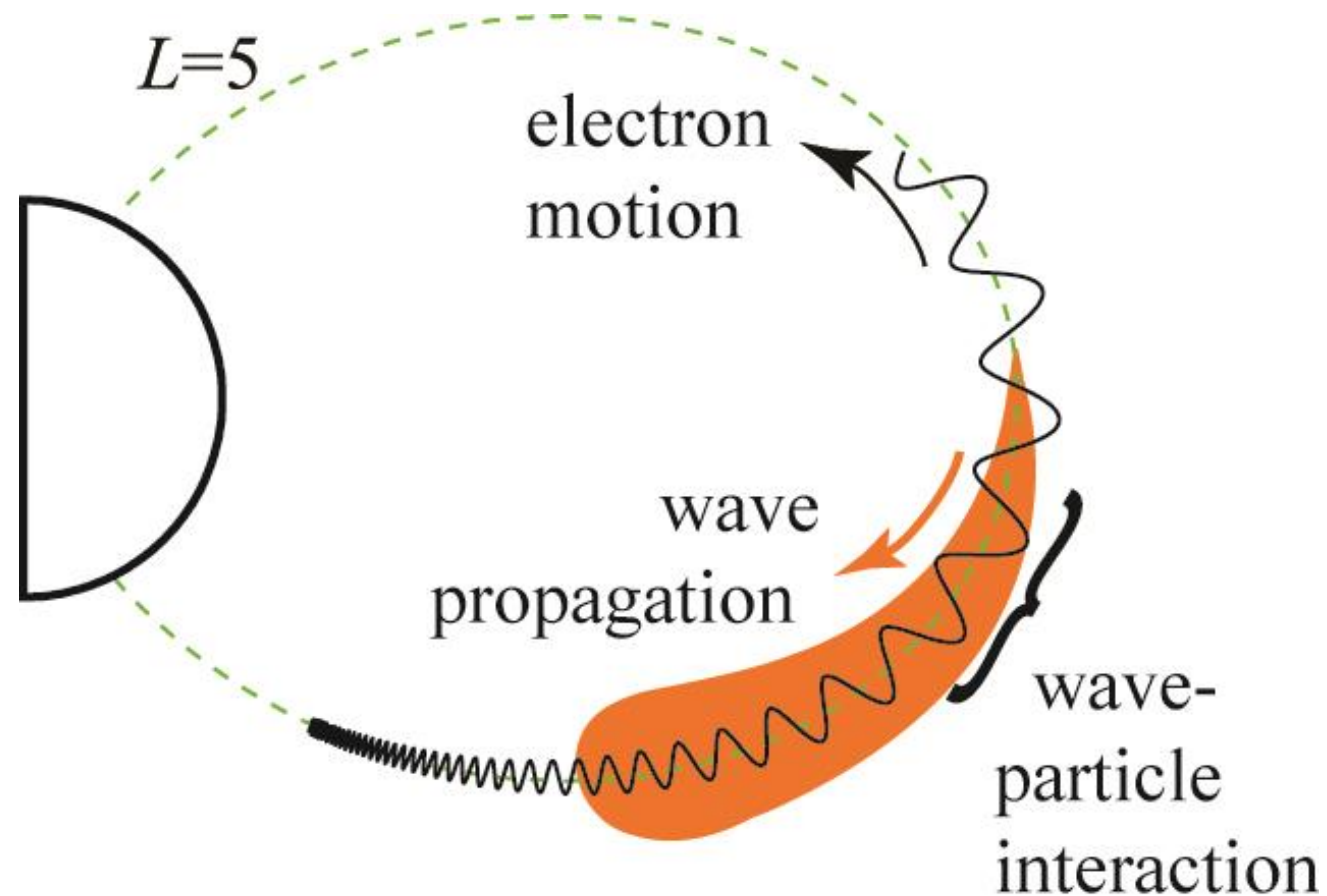


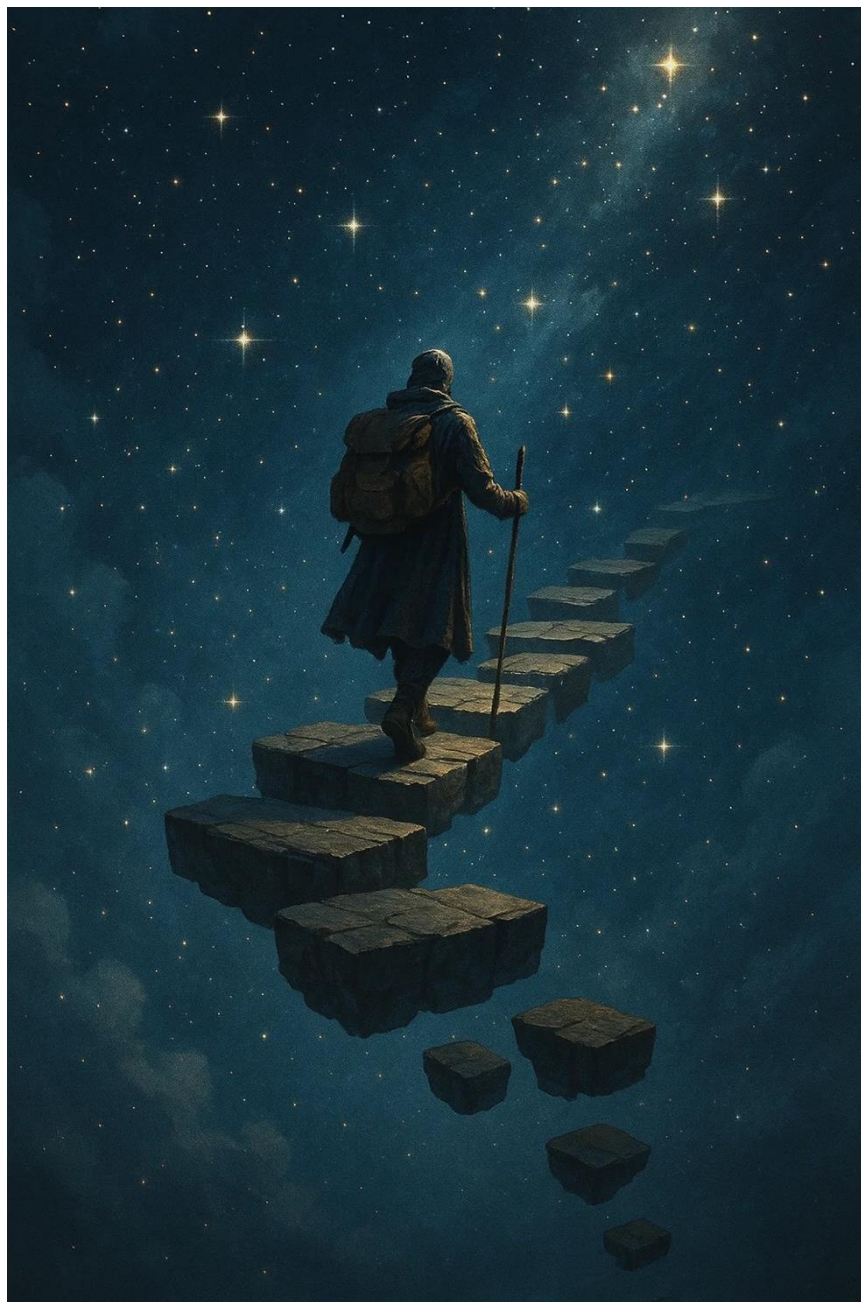
Space Physics Master's Course

Lecture 1





Space Physics



Space Physics

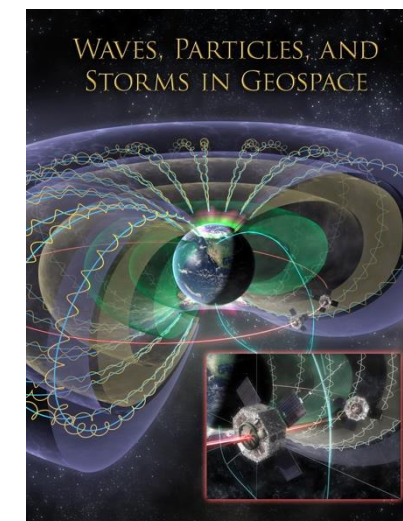
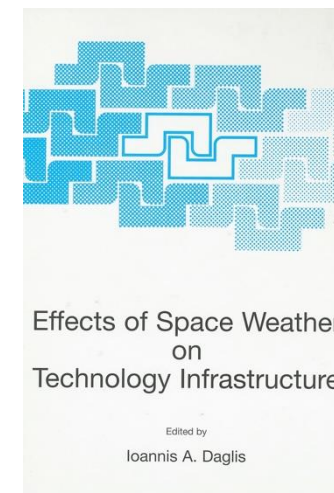
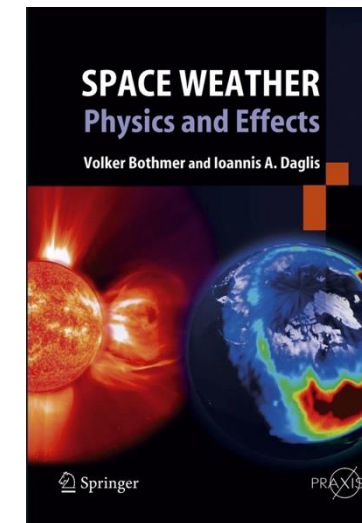
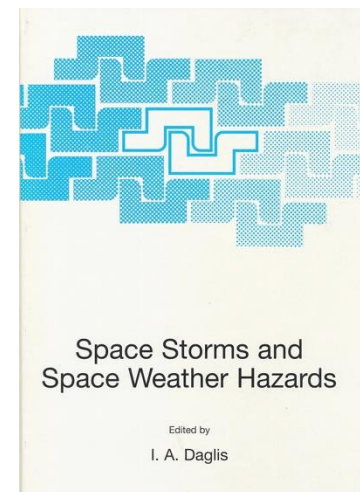
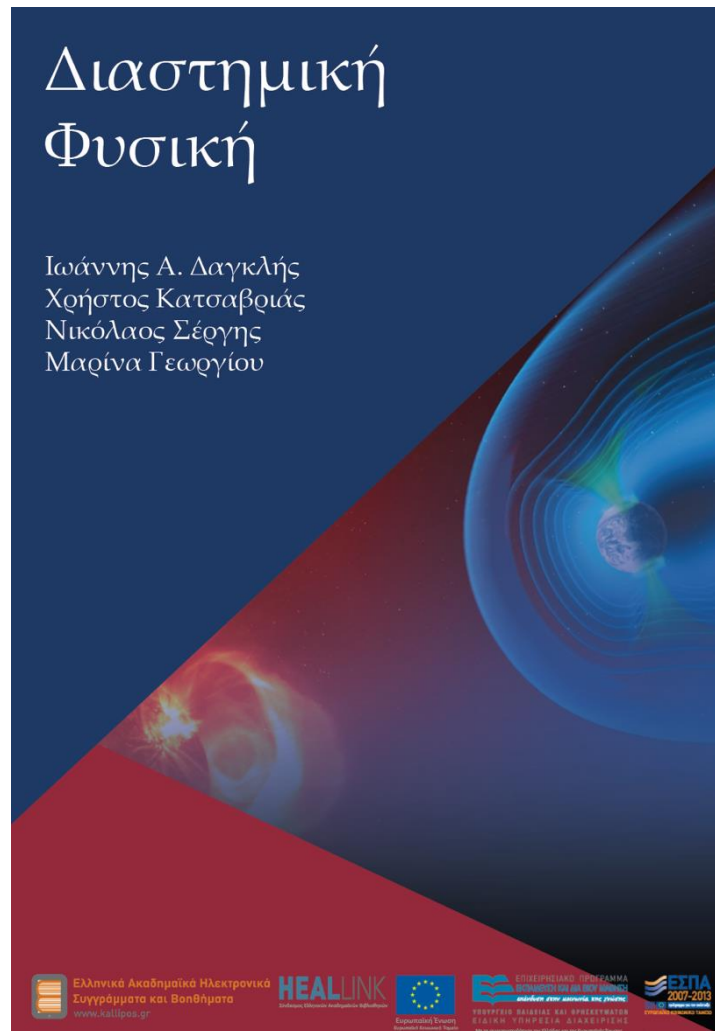
RECOMMENDED READING

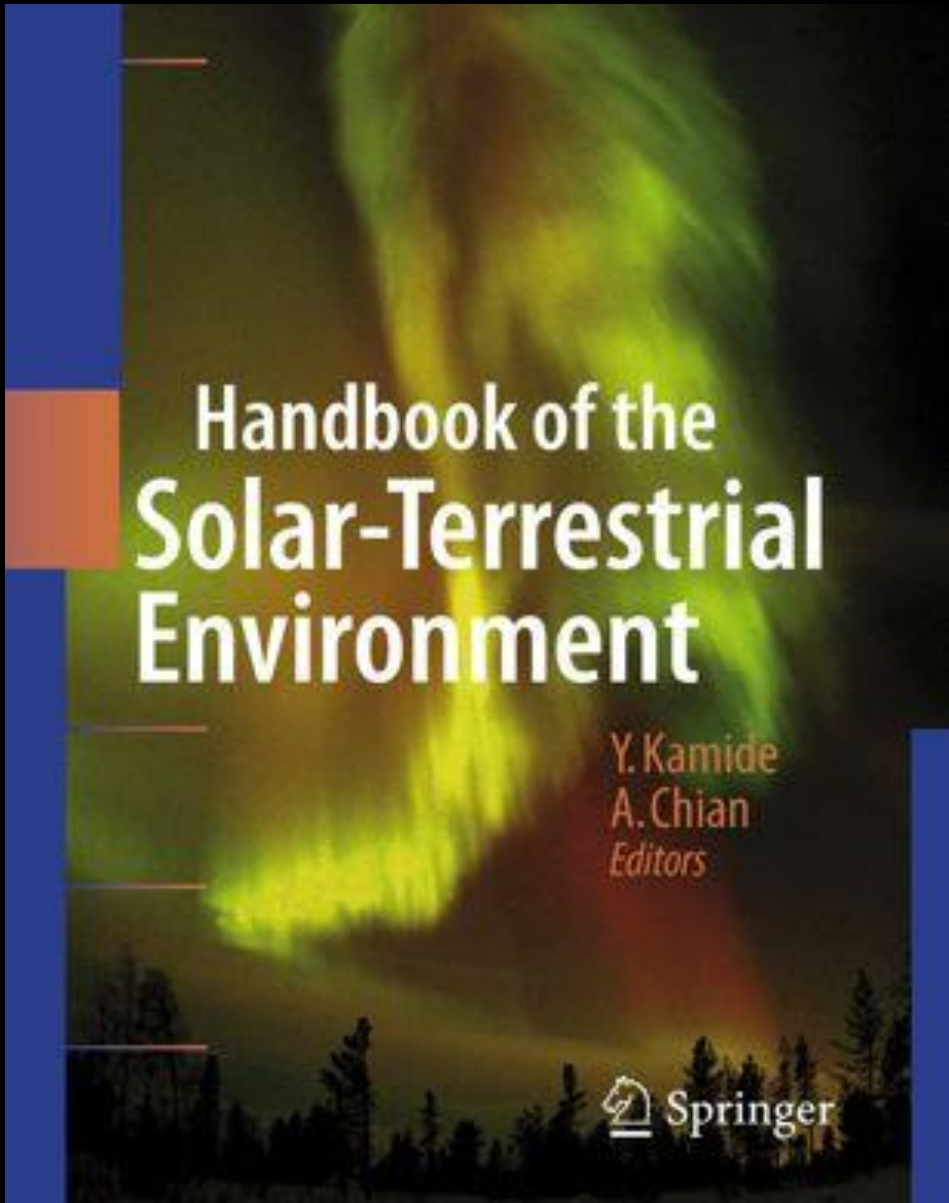
Διαστημική Φυσική, Κεφάλαιο 3

(<https://repository.kallipos.gr/handle/11419/11507>)

Physics of Earth's Radiation Belts, Κεφάλαιο 2

(<https://link.springer.com/content/pdf/10.1007/978-3-030-82167-8.pdf>)

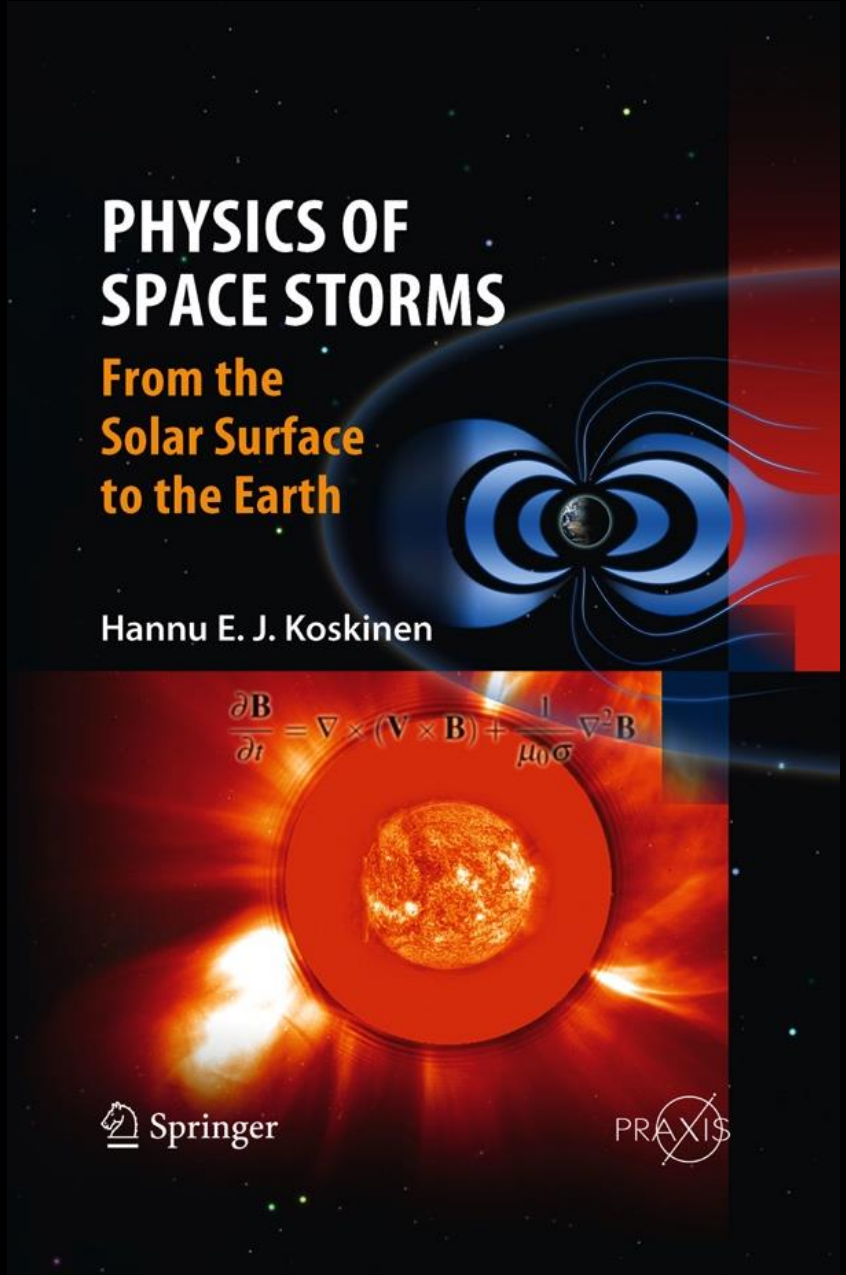




Handbook of the Solar-Terrestrial Environment

Y. Kamide
A. Chian
Editors

 Springer



PHYSICS OF SPACE STORMS

From the
Solar Surface
to the Earth

Hannu E. J. Koskinen

$$\frac{\partial \mathbf{B}}{\partial t} = \nabla \times (\mathbf{V} \times \mathbf{B}) + \frac{1}{\mu_0 \sigma} \nabla^2 \mathbf{B}$$

 Springer

PRAXIS

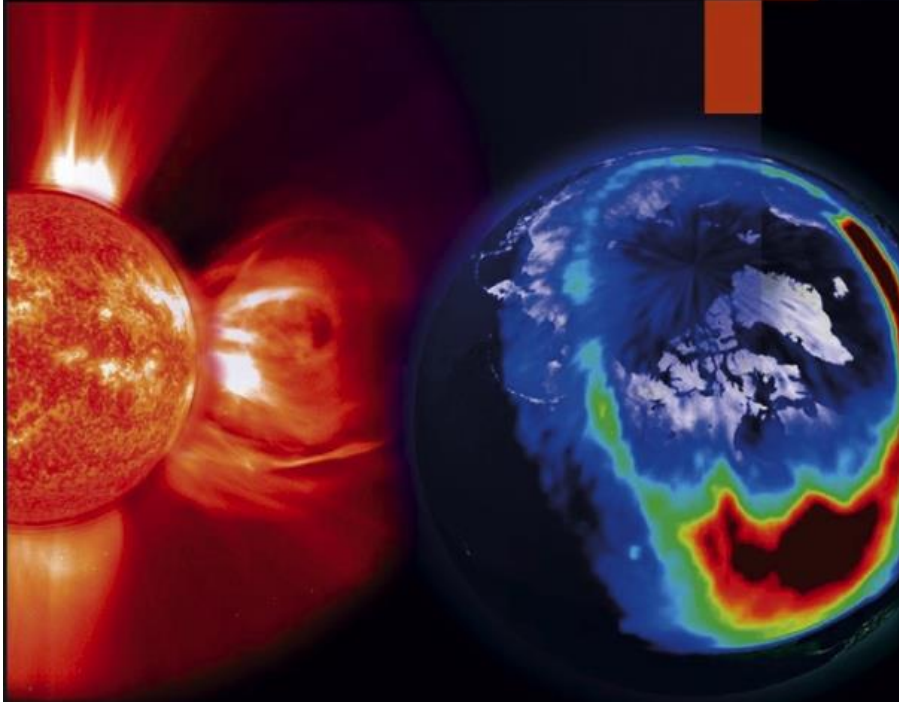
<https://service.eudoxus.gr/search/>

Γενική βάση συγγραμμάτων
Αναζήτηση με “*Koskinen*”, “*Kamide*”, “*Daglis*”

SPACE WEATHER

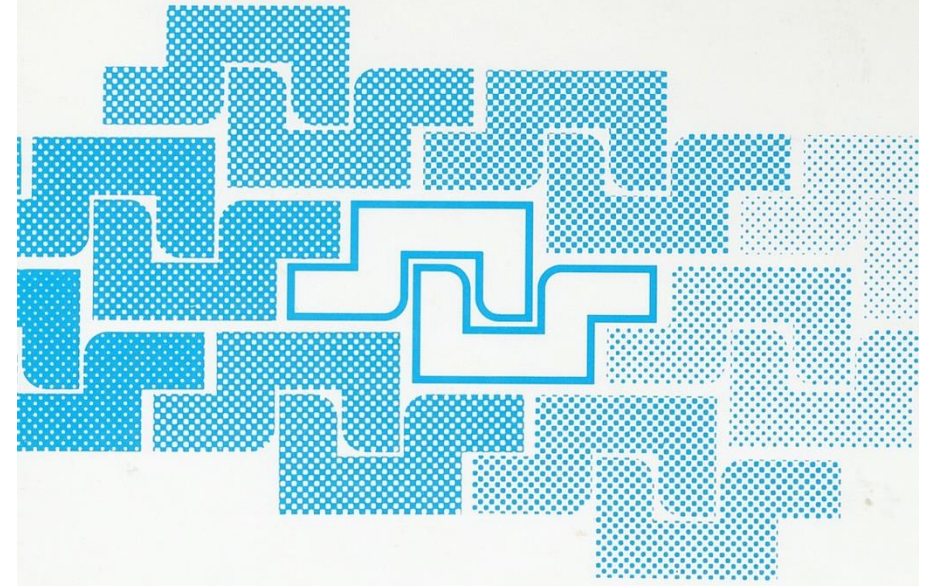
Physics and Effects

Volker Bothmer and Ioannis A. Daglis



 Springer

PRAXIS



Effects of Space Weather on Technology Infrastructure

Edited by

Ioannis A. Daglis

Astronomy and Astrophysics Library

Hannu E. J. Koskinen
Emilia K. J. Kilpua

Physics of Earth's Radiation Belts

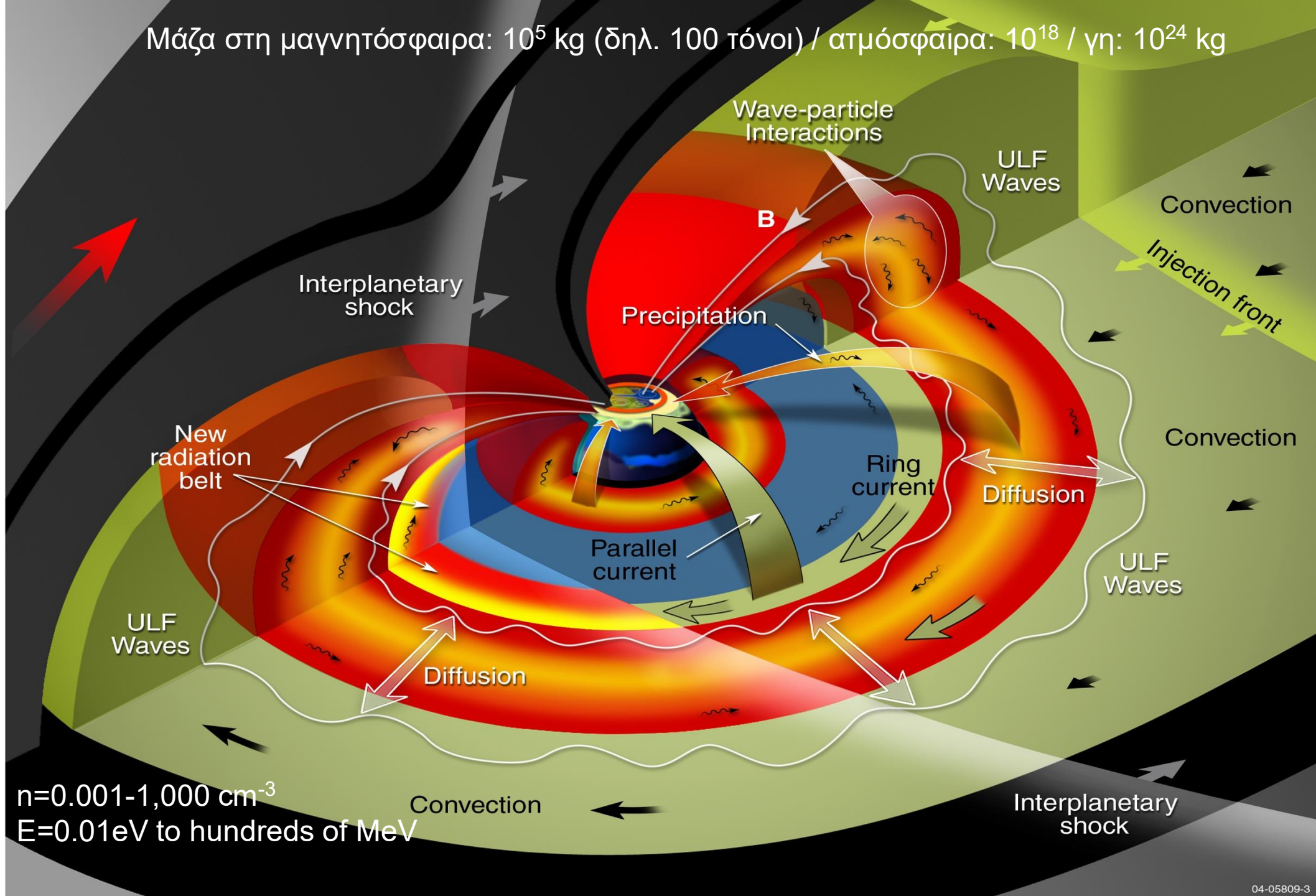
Theory and Observations



OPEN ACCESS

 Springer

Μάζα στη μαγνητόσφαιρα: 10^5 kg (δηλ. 100 τόνοι) / ατμόσφαιρα: 10^{18} / γη: 10^{24} kg



Κίνηση φορτισμένων σωματιδίων

Βασικές κινήσεις φορτισμένων σωματιδίων:

- Γυροκίνηση
- Αναπήδηση ή Ανάκλαση
- Ολίσθηση

Γωνία κλίσης, κώνος διαφυγής, υετός ή πρόσπτωση
(**precipitation**) σωματιδίων, διαφυγή ή απώλεια σωματιδίων

Αδιαβατικές αναλλοίωτες της κίνησης

Κίνηση φορτισμένων σωματιδίων



Κίνηση φορτισμένων σωματιδίων









HARRISON FORD IS
BLADE RUNNER™

THE DIRECTOR'S CUT

THE ORIGINAL CUT OF THE FUTURISTIC ADVENTURE



Η Τεχνητή Νοημοσύνη στην Επιστημονική Φαντασία

<https://diamantia-kai-skouria.blogspot.com/2024/11/blog-post.html>

JERRY PERENCHIO AND BUD YORKIN PRESENT
A MICHAEL DEELEY - RIDLEY SCOTT PRODUCTION
STARRING HARRISON FORD

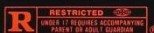
IN "BLADE RUNNER" WITH RUTGER HAUER SEAN YOUNG

EDWARD JAMES OLMOSS SCREENPLAY BY HAMPTON FANCHER AND DAVID PEOPLES

EXECUTIVE PRODUCERS BRIAN KELLY AND HAMPTON FANCHER VISUAL EFFECTS BY DOUGLAS TRUMBULL

ORIGINAL MUSIC COMPOSED BY VANGELIS PRODUCED BY MICHAEL DEELEY DIRECTED BY RIDLEY SCOTT

PAWNSHIP® TECHNICOLOR®

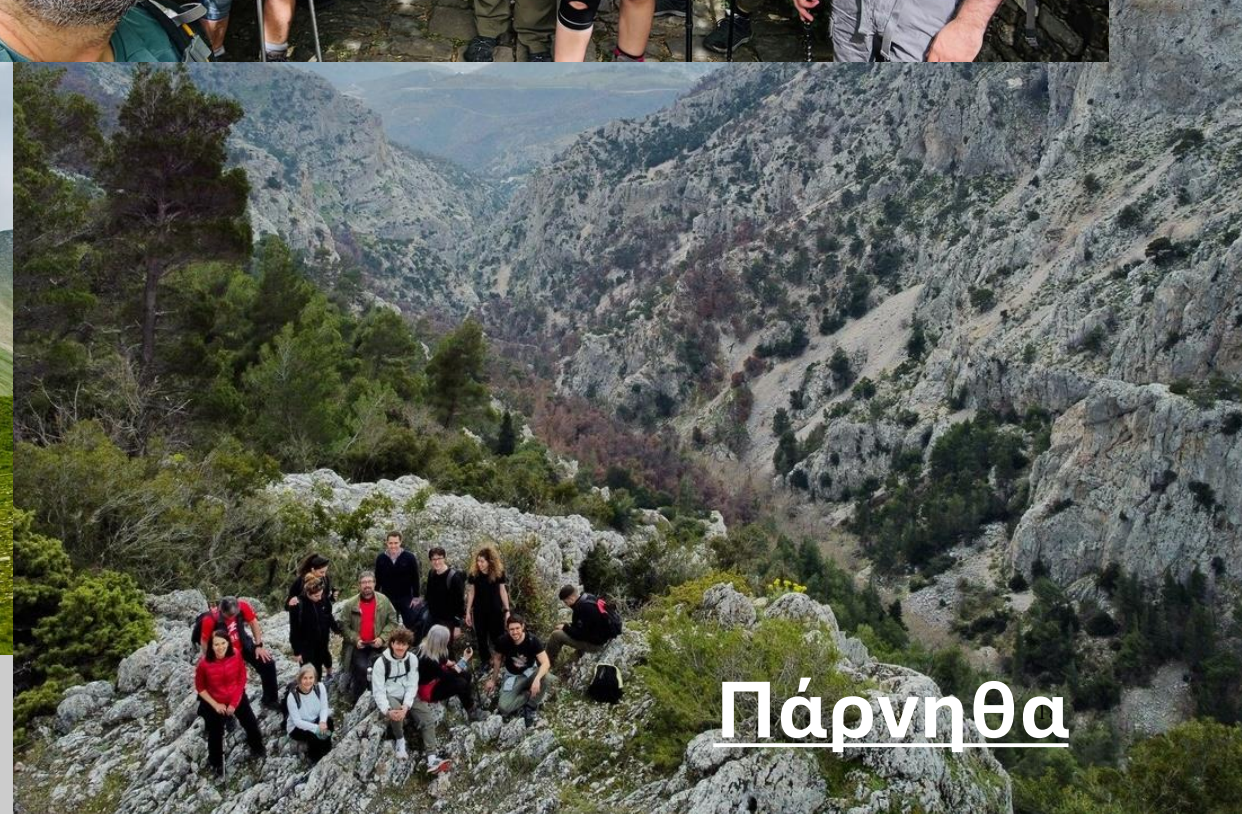


A LADD COMPANY RELEASE
IN ASSOCIATION WITH SIR RUN RUN SHAW THRU
WARNER BROS. A TIME WARNER ENTERTAINMENT COMPANY
© 1992 Warner Bros. All Rights Reserved



Διαστημόνια

WhatsApp Group Chat



Πάρνηθα