

## Buchpublikationen

### List of Books by Werner Ebeling 1976 - 2014

- 1) W. Ebeling: "Strukturbildung bei irreversiblen Prozessen. Einführung in die Theorie dissipativer Strukturen" (194 pages). Teubner-Verlag Leipzig 1976
- 2) W. Ebeling, W.-D. Kraeft, D. Kremp: "Theory of Bound States and Ionization Equilibrium in Plasmas and Solids" (164 pages). Akademie-Verlag Berlin 1976
- 3) W. Ebeling: "Obrazovanie struktur pri neobratimyykh processakh". (274 pages); revised translation of 1) into Russian. Mir Publisher Moscow 1979; 2nd edition RCD-Publisher Moscow-Ishevsk 2004
- 4) W. Ebeling, W. Kraeft, D. Kremp: "Teoriya svyazannykh sostoyanii i ionisovannovo ravnovesiya v plasme i tverdom tele". (262 pages); revised translation of 2) into Russian. Mir Publisher Moscow 1979
- 5) W. Ebeling, R. Feistel: "Physik der Selbstorganisation und Evolution". (451 pages). Akademie-Verlag Berlin 1982, 2. Auflage Berlin 1986
- 6) W. Ebeling, V.E. Fortov, Yu.L. Klimontovich, N.P. Kovalenko, W.D. Kraeft, Yu. E. Krasny, D. Kremp, P. Kulik, V.A. Riabii, G. Röpke, E. Rozanov, M. Schlanges: "Transport Properties of Dense Plasmas" (182 pages). Akademie-Verlag Berlin 1984 and Birkhäuser Basel/Boston/Stuttgart 1984
- 7) W. Ebeling, Yu.L. Klimontovich: "Selforganization and Turbulence in Liquids" (196 pages). Teubner-Verlag Leipzig 1984
- 8) W. Ebeling, M. Peschel (Eds.): "Lotka-Volterra-Approach to Cooperation and Competition in Dynamic Systems" (271 pages). Akademie-Verlag Berlin 1985
- 9) W.D. Kraeft, D. Kremp, W. Ebeling, G. Röpke: "Quantum Statistics of Charged Particle Systems" (298 pages). Akademie-Verlag Berlin 1986, Plenum Press New York/London 1986
- 10) W. Ebeling, H. Ulbricht (Eds.): "Selforganization by Nonlinear Irreversible Processes " (231 pages). Springer-Verlag Berlin-Heidelberg-New York 1986

- 11) H.G. Bothe, W. Ebeling, A.B. Kurzhanski, M. Peschel (Eds.):  
"Dynamical Systems and Environmental Models" (283 pages).  
Akademie-Verlag Berlin 1987
- 12) W.D. Kraeft, D. Kremp, W. Ebeling, G. Röpke: "Kvantovaya  
statistika system zaryashennykh chastiz" (405 pages;  
revised translation of 9) into Russian).  
Mir Publisher Moscow 1988
- 13) R. Rompe, H.J. Treder, W. Ebeling: "Zur großen Berliner  
Physik" (88 pages). Teubner-Verlag Leipzig 1988
- 14) W. Ebeling, M. Peschel (Eds.): "Dynamical Networks" (221 pages).  
Akademie-Verlag Berlin 1989
- 15) R. Feistel, W. Ebeling: "Evolution of Complex Systems"  
(248 pages).  
Dt. Verlag der Wissenschaften Berlin 1989;  
Kluwer Academic Publishers Dordrecht/Boston/London 1989
- 16) W. Ebeling: "Chaos, Ordnung und Information" (118 pages).  
URANIA-Verlag Leipzig/Jena/Berlin 1989;  
Verlag Harri Deutsch Frankfurt a.M./Thun 1989, 2. Aufl. 1992
- 17) W. Ebeling, H. Ulbricht (Eds.): "Irreversible Processes and  
Selforganization" (256 pages). Teubner-Verlag Leipzig 1989
- 18) W. Ebeling, A. Engel, R. Feistel: "Physik der Evolutionsprozesse"  
(371 pages). Akademie-Verlag Berlin 1990
- 19) W. Ebeling, H. Engel, H. Herzel: "Selbstorganisation in der  
Zeit" (205 pages). Akademie-Verlag Berlin 1990
- 20) W. Ebeling, A. Förster, V.E. Fortov, V.K. Gryaznov,  
A.Ya. Polishchuk:  
"Thermophysical Properties of Dense Plasmas" (315 pages).  
Teubner-Verlag Stuttgart / Leipzig 1991
- 21) W. Ebeling, M. Peschel, W. Weidlich (Eds.):  
"Models of Selforganization in Complex Systems, MOSES"  
(336 pages), Akademie-Verlag Berlin 1992
- 22) W. Ebeling, A. Förster, R. Radtke (eds.):  
"Physics of Nonideal Plasmas" (318 pages)  
Teubner-Verlag Stuttgart / Leipzig 1992
- 23) W. Ebeling, R. Feistel:  
["Chaos und Kosmos. Prinzipien der Evolution"](#)  
Spektrum Akademischer Verlag Heidelberg, Berlin, Oxford 1994  
ISBN 3-86025-310-7, (251 pages).

- 24) H.-M. Voigt, W. Ebeling, I. Rechenberg, H.-P. Schwefel (Eds.) :  
"Parallel Problem Solving from Nature - PPSN IV"  
Springer Berlin Heidelberg 1996
- 25) W. Ebeling, J. Freund, F. Schweitzer :  
"Komplexe Strukturen: Entropie und Information"  
B.G. Teubner Stuttgart- Leipzig 1998, ISBN 3-8154-3032-1 (256 pages)
- 26) W. Ebeling, Yu. Romanovsky, L. Schimansky-Geier (eds.) :  
" Stochastic Dynamics of Reacting Biomolecules"  
World Scientific Singapore 2002, ISBN 981-238-162-7 (310 pages)  
(see also the related Lecture Notes <http://scripts.physik.hu-berlin.de>)
- 27) W. Ebeling  
"Образование структур при необратимых процессах - введение в теорию диссипативных структур"  
(New revised transl. of 1) 'Strukturbildung bei irreversiblen Prozessen, 1976)  
*R&C Dynamics, Moskva-Ishevsk (2004), ISBN 5-93972-297-0 (255 pages)*
- 27) W. Ebeling, I. Sokolov:  
„Statistical Thermodynamics and Stochastic Theory of Non-equilibrium Systems”,  
World Scientific Publ., Singapore 2005, (341 pages).
- 28) W. Ebeling, R. Feistel:  
Kaos I Kosmos - Sinergetika Evoluzii, revised translation of 23) .....  
*R&C Dynamics, Moskva-Ishevsk (2005), ISBN 5-86025-310-7 (335 pages)*
- 29) W. Ebeling, A. Förster, V. Fortov, V. Gryaznov, A. Polishchuk:  
"Termofizicheskiye Svoistva Goryachei Plotnoi Plasmy" . revised translation of 20)  
*R&C Dynamics, Moskva-Ishevsk (2007), ISBN 978-5-93972-646-7 (399 pages)*
- 30) R. Feistel, W. Ebeling:  
Physics of Self-Organization and Evolution, Wiley (2011),  
ISBN 978-3-52740963-1 (515 pages)