

参 考 文 献

- (1) McNamara, G., and Zanetti, G., Phys.Rev.Lett., 61, (1988), 2332-2335.
- (2) Hardy, J., Pomeau, Y., and de Pazzis, O., J.Math.Phys.,14, (1973), 1746-1759.
- (3) Frisch, U., Hasslacher, B., and Pomeau, Y., Phys.Rev.Lett., 57,
(1986),1505-1509.
- (4) Frisch, U., d'Humieres, D., Hasslacher, B., Lallemand, P., Pomeau, Y., and Rivet,
J.P., Complex Systems, 1 , (1987), 649-707.
- (5) Wolfram, S., J. Statistical Phys., 45, (1986), 471-526.
- (6) 吉沢, 高橋, 日本機械学会論文集 B 編 57, (1991), 2663-2670.
- (7) 小林, 高橋, 日本機械学会論文集 B 編 57, (1991), 2671-2677.
- (8) 蔦原, 富山, 村田, 木村, 日本機械学会論文集 B 編 59, (1993), 2477-2483.
- (9) 蔦原, 富山, 村田, 木村, Proc. of the 5th Int. Symp. on C.F.D. JSCFD, 3, (1993),
261-266.
- (10) 蔦原, 富山, 高田, 日本航空宇宙学会誌,43, (1995), 679-686.
- (11) Higuera, F.J., Succi, S., and Benzi, R., Europhys.Lett., 9, (1989), 345-349.
- (12) Chen, H., Chen, S., and Matthaeus, W.H., Phys. Rev. A, 45, (1992), 5339-5342.
- (13) Qian, Y.H., Doctoral Thesis, University of Paris(1990).
- (14) Bhatnagar, P., Gross, E.P., and Krook, M.K., Phys.Rev.,94, (1954),511.
- (15) 曾根, 青木, 分子気体力学, (1994),33-34,流体力学会編.
- (16) Qian, Y.H., d'Humieres, D., and Lallemand, P., Europhys.Lett.,17, (1992),
479-484.
- (17) McNamara, G., and Alder, B., Microscopic Simulations of Complex
Hydro-dynamics Phenomena, edited by Mareschal, M., and Holian, B.L., Plenum
Publishing Co., (1992),125-136.
- (18) Martinez, D.O., Matthaeus, W.H., Chen, S., and Montgomery, D.C.,
Phys.Fluids,3, (1994), 1285-1298.
- (19) Higuera, F.J. and Succi, S., Europhys. Lett., 8, (1989), 517-521.
- (20) Wagner, L., Phys.Fluids, 6, (1994),3516-3518.
- (21) Ziegler, D.P., J.Stat.Phys.,71, (1992), 1171-1177.
- (22) Skordos, P.A., Phys.Rev., E48, (1993), 4823-4842.
- (23) Noble, D.R., Georgiadis, J.G., and Buckius, R.O., Phys.Fluids,7, (1995),
203-209.

- (24) 高田, 神戸大学大学院修士論文, (1995).
- (25) Hou, S., Zou, Q., Chen, S., Doolen, G., and Cogley, A.C., J. Computational Phys., 118, (1995), 329-347.
- (26) Shan, X. and Chen, H., Phys. Rev. E 47, (1993), 1815-1819.
- (27) Grunau, D., Chen, S., and Eggert, K., Phys. Fluids, A 5 (1993), 2557-2562.
- (28) Ladd, A. J. C., J.Fluid Mech., 271, (1994), 285-309.
- (29) Aharonov, E. and Rothman, D.H., Geophysical Research Letter, 20, (1993), 679-682.
- (30) Nannelli, F. and Succi, S., J. Statistical Phys., 68, (1992), 401-407.
- (31) He, X., Luo, Li-Shi, and Dembo, M., J. Computational Physics, 129, (1996), 357-363.
- (32) Amati, G., Succi, S. and Benzi, R., Fluid Dynamics Research, 19, (1997), 289-302.
- (33) Mei, R. and Shyy, W., private communication, (1997).
- (34) Sterling, J.D. and Chen, S., J.Computational Phys., 123, (1996), 196-206.
- (35) Pavlo, P., Vahala, G., Vahara, L., and Soe, M., private communication, (1997).
- (36) Abe, T., private communication, (1996).
- (37) Qian, Y.H. and Orszag, S.A., Europhys.Lett.,21, (1993), 255-259.
- (38) McNamara, G., and Alder, B., Physica, A,194, (1993), 218-228.
- (39) Alexander, F.J., Chen, S., and Sterling, D.J., Phys.Rev.,E,47, (1993), 2249-2252.
- (40) Chen, Y., Ohashi, H., and Akiyama, M., Phys.Rev.,E, 50, (1994), 2776-2783.
- (41) Chen, Y., Ohashi, H., and Akiyama, M., J.Stat.Phys., 81, (1995), 71-85.
- (42) Chen, Y., Ohashi, H., and Akiyama, M., Phys.Fluids, 7, (1995), 2280-2282.
- (43) Chen, Y., 第 2 回日米欧先進シミュレーション手法研究会報告書, (1995), 89-106, エネルギー総合工学研究所.
- (44) Chen, S., Wang, Z., Chan, X., and Doolen, G.D., J.Stat.Phys., 68, (1992), 379-400 .
- (45) 北原, 吉川, 非平衡系の科学 I 反応・拡散・対流の現象論, 講談社サイエンスティフィク編, (1994), 120-130.
- (46) Badr, H.M. and Dennis, S.C.R., J. Fluid Mech., 158, (1985), 447-488.
- (47) 王忠益, 博士論文, (1993), 50-51.
- (48) Sasoh, A., Takayama, K., and Saito, T., Shock Waves, An International Journal,2, (1992), 277-281.

- (49) 内山, 井上, 第 6 回数値流体力学シンポジウム講演論文集, (1992), 81-84.
- (50) 中塩, 斉藤, 松岡ほか 2 名, 第 10 回数値流体力学シンポジウム講演論文集, (1996), 50-51.
- (51) 燃焼・希薄流・混相流・電磁流体の解析, 東京大学出版会編, (1995), 37-44.