

References

1. Benfey O.T.: Introduction to Organic Reaction Mechanisms. McGraw-Hill, New York, 1970
2. Bechte H.: Science, Industry and Policy: Precompetitive Research in Germany. Chemical Technology Europe, Vol.2, No.6, 1995, pp.15-17
3. Bíla J.: Umělá inteligence a neuronové sítě v aplikacích. ČVUT, Praha, 1996.
4. Bloomfield M.M.: Chemistry and the Living Organism. Fifth edition. John Wiley&Sons, New York, 1992
5. Chmielewski A.G.: Electron Beam Flue Gas Treatment. Int. Conf. Radioisotope and Radiation Application in Industry and Environment, I.U.T., Berlin, 20-23.10.1996, p.18.
6. CEP: Polymers gain from self-assembly. Chemical Engineering Progress. Vol.94, No.5, 1998, pp.9-10.
7. CTE: I've seen the Future and it's made of Plastic. Chemical Technology Europe, Vol.1, No.5, 1994, pp.10-12
8. CTE: Static Electricity Distinguishes Waste Plastics for Recycling. Chemical Technology Europe, Vol.2, No.3, 1995, p.11
9. Dufek M., Kolářová H.: Základy obecné a fyzikální chemie. ČVUT Praha, 1997
10. Eckert E. et al: Aplikovaná chemická kinetika. SNTL, VŠChT, Praha, 1982
11. Fluent Inc.: Fluent version 4.3, chapter 19-Theory. Fluent Inc., Centerra Resource Park, Lebanon, 1995.
12. Frank N.W.: Electron Beam Technology: A New Dawn in International Environment. To be published.
13. Guidebook on Nuclear Techniques in Hydrology. Tech.Rep.Series No.91, IAEA Vienna, 1983
14. Gupta M.C.: Statistical Thermodynamics. John Wiley&Sons, New Delhi, 1993
15. Hála E., Reiser A.: Fyzikální chemie 1. Druhé vydání. Academia, Praha 1971
16. Hála E., Reiser A.: Fyzikální chemie 2. Academia, Praha 1966
17. Hatfield, C.B.: Zásobám ropy hrozí v příštím století naprosté vyčerpání, varují odborníci. Mladá Fronta Dnes, 17.5.1997 (citováno dle Nature).
18. Havlíček V., Osten M., Šňupárek J.: Přehled plastických hmot. Druhé vydání, SNTL Praha, 1960
19. Hengstebeck R.J.: Distillation Principles and Design Procedures. Reinhold Publ.Corp., New York, 1961
20. Herron J.D.: Understanding Chemistry: A Preparatory Course. Second Edition. McGraw-Hill, Inc., New York, 1986
21. Holzclaw H.F., Robinson W.R., Odom J.D.: General Chemistry. Ninth Edition. D.C.Heath and Company, Lexington, 1991
22. K. Holze, H. D. Finke, M. Kelm, W. D. Deckwer, Ger. Chem. Eng., 2, 361 (1979).
23. Houška M., Podloucký Š., Žitný R., Grée R., Šesták J., Dostál M., Burfoot D.: Mathematical Model of the Vacuum Cooling of Liquids. Journal of Food Engineering, Vol. 29, 1996, pp. 339-348
24. Hudson B.J.F. ed.: Developments in Food Proteins-2. Applied Science Publishers, London, 1983
25. Jong P., Bouman S., Linden H.J.L.: Fouling of heat treatment equipment in relation to the denaturation of β -lactoglobulin. Journal of Society of Dairy Technol., 45, No.1, 1992, pp.3-8.
26. Jungers J.C. et al.: Cinétique chimique appliquée. Technip, Paris, 1958
27. Kalčík J.: Technická termodynamika. ČSAV Praha, 1963
28. J. Krýsa, L. Kule, R. Mráz and I. Roušar: J. Appl. Electrochem. 26, 999 (1996).
29. J. Krýsa, R. Mráz and I. Roušar, Mat. Chem. Phys., 48, 64 (1997).
30. Landfeld A.: Modelování teplotních polí v potravinovém řetězci. Dipl. práce č. 97 207, ČVUT FS, Praha, 1997

31. Ledward D.A., Johnson D.E., Earnshaw R.G., Hasting A.P.M.: High Pressure Processing of Foods. Nottingham University Press, Nottingham, 1995
32. Leonov A.I., Prokunin A.N.: Nonlinear Phenomena in Flows of Viscoelastic Polymer Fluids. Chapman & Hall, London, 1994
33. Levenspiel O.: Chemical Reaction Engineering. John Wiley&Sons, New York, 1962
34. MacFarlane J.J.: High pressure technology and meat quality. In: Lawrie R.: Developments in meat science-3. Elsevier Appl. Sci. Publ., London, 1985
35. Malinovský M., Roušar I.: Teoretické základy pochodů anorganické technologie I. Chemicko inženýrská termodynamika. SNTL/ALFA, Praha, 1987
36. Malone L.J.: Basic Concepts of Chemistry. Fourth Edition. John Wiley&Sons, New York, 1994
37. Middleman S.: The Flow of High Polymers. Interscience Publish. John Wiley&Sons, New York, 1968
38. Moore W.J.: Physical Chemistry. Fourth Edition. Prentice Hall Inc., Englewood Cliffs, 1972
39. Moore W.J.: Basic Physical Chemistry. Fourth Edition. Prentice Hall Inc., Englewood Cliffs, New Jersey, 1983
40. Moore J.J.: Chemical Metallurgy. Bodmin, Butterworth-Heinemann, 1990.
41. Moran M.J., Shapiro H.N.: Fundamentals of Engineering Thermodynamics. Second Edition. John Wiley&Sons, Inc., New York, 1992
42. Mottola H.A.: Kinetic Aspects of Analytical Chemistry. John Wiley&Sons, New York, 1988
43. Munk P.: Introduction to Macromolecular Science. John Wiley&Sons, New York, 1989
44. Pandit A.B., Moholkar V.S.: Harness Cavitation to Improve Processing. Chemical Engineering Progress, July 1996, pp. 57-69
45. Petrák J., Klazar L.: Chladicí technika I. (tepelné vlastnosti chladiv). ČVUT Praha, 1992
46. T. Pignet, L. D. Schmidt, Chem. Eng. Sci., **29**, 1123 (1974).
47. Reid R.C., Sherwood T.K.: The properties of gases and liquids. Mc Graw-Hill, New York, 1966
48. Reinis S.: Some Principles for Decoding Local Neuronal Systems in the Mammalian Central Nervous System. Neural Network World, Vol.7, No.2, 1997, pp.205-225
49. Skapura D.M.: Building neural networks. ACM Press, New York, 1996.
50. Smith J.M.: Chemical Engineering Kinetics. Third Edition. McGraw-Hill, New York, 1981
51. Šesták J., et al.: Transportní a termodynamická data pro výpočet aparátů a strojního zařízení. ČVUT Praha, 1981.
52. Šesták J., Žitný R.: Tepelné pochody II. Výměníky tepla, odpařování, sušení, průmyslové pece a elektrický ohřev. ČVUT Praha, 1997
53. S. Spewock, L. E. Brechen, F. Talko, 2nd World Hydrogen Conference, vol. II, 9A-53 (1978).
54. Thýn J., Žitný R.: Analysis and diagnostics of industrial processes by radiotracers and radioisotope sealed sources. TECDOC, IAEA Vienna, 1998
55. Tuček F., Chudoba J., Koníček Z.: Základní procesy a výpočty v technologii vody. SNTL, Praha, 1988
56. Ullet J.S. et al: Advanced High Temperature Resins for Stereolithography. The Rapid Prototype Development Laboratory. On-line Technical Papers, March 1997.
http://www.udri.udayton.edu/rpdl/Paper_LC
57. Voet D., Voet J.G.: Biochemistry. John Wiley&Sons, New York, 1990
58. Warnatz J., Maas U., Dibble R.W.: Combustion. Springer Verlag, Berlin, 1996
59. Whelan A., Lee K.S. ed.: Developments in Rubber Technology-3, Thermoplastic Rubbers. Applied Science Publishers, London, 1982.
60. H. Wise, M. F. Frech, J. Phys. Chem., **20**, 1724 (1952).
61. H. Wise, M. F. Frech, J. Phys. Chem., **22**, 1463 (1954).
62. Žitný R., Thýn J.: Residence Time Distribution Software Analysis. Comp.Man.Series, No.11, IAEA Vienna, 1996