

# Historie dopravního modelování v člancích

1. B. Greenshields, *The photographic method of studying traffic behavior*, Proceeding of 13th Annual Meeting Highway Research Board (1934)
2. B. Greenshields, *Study of highway capacity (special report on traffic theory)*, Proceeding of 14th Annual Meeting Highway Research Board (1935)
3. M.J. Lighthill and G.B. Whitham, *On kinematic waves (a theory of traffic flow on long crowded roads)*, Proceedings of Royal Society, London (1955), 229
4. P.I. Richard, *Shock waves on the highway*, Operation Research **4** (1956) 42
5. H. Greenberg, *An analysis of traffic flow*, Operation Research **7** (1959) 79
6. S.K. Godunov, *Разностный метод численного расчета разрывных решений уравнений гидродинамики (a difference scheme for numerical solution of discontinuous solution of hydrodynamic equations)*, Matematicheskij Sbornik **47** (1959) 271
7. R.T. Underwood, *Speed, volume and density relationships*, Quality and Theory of Traffic Flow, Bureau of Highway Traffic, Yale University, New Haven, Connecticut (1961)
8. A.C. Dick, *Speed/flow relationships within an urban area*, Traffic Engineering Control **8** (1966) 393
9. J.S. Drake, *A statistical analysis of speed density hypothesis*, Highway Research Record **154** (1967) 53
10. L.A. Pipes, *Car following models and the fundamental diagram of road traffic*, Transportation Research **1(1)** (1967) 21
11. E.W. Montroll, *Three examples of one-dimensional systems*, Symposium of Contemporary Physics, Trieste (1969) 177
12. P.K. Munjal and L.A. Pipes, *Propagation of on-ramp density perturbation on unidirectional nad two- and three-lane freeways*, Transportation Research **5(4)** (1971) 241
13. O. Biham and A.A. Middleton and D. Levine, *Self-organization and a dynamical transition in traffic flow models*, Physical Review A **46(10)** (1992) R6124
14. B. Derrida and E. Domany and D. Mukamel, *An exact solution of a one-dimensional asymmetric exclusion model with open boundaries*, Journal of Statistical Physics **69(3/4)** (1992) 667
15. K. Nagel and M. Schreckenberg, *A cellular automaton model for freeway traffic*, Journal of Physics I France **2** (1992) 2221
16. B.S. Kerner and P. Konhäuser, *Cluster effect in initially homogeneous traffic flow*, Physical Review E **48** (1993) R2335
17. B.S. Kerner and P. Konhäuser, *Structure and parameters of clusters in traffic flow*, Physical Review E **50** (1994) 54
18. M. Fukui and Y. Ishibashi, *Traffic flow in 1D cellular automaton model including cars moving with high speed*, Journal of Physical Society of Japan **65(6)** (1996) 1868