

REFERENCES

- Bai, C.J. and Hsiao, F.B. 2007. Introduction to CFD analysis. Fluid aerodynamics laboratory. Department of Mechanical.
- Bayraktar, H., 2007, Theoretical investigation of flame propagation process in an SI engine running on gasoline–ethanol blends, *Renewable Energy* **32**(2007): 758–771.
- Bi, X., Han, S. and Wang, J. 1994. Numerical optimization for in-cylinder processes of a spark ignition engine. The Engineering Society for Advancing Mobility Land Sea Air and Space. Baltimore, Maryland.
- Fadzil, M. 2008. *Numerical Study of Combustion for A 4-Stroke Gasoline Engine Using Flame Speed Closure Model*. Universiti Malaysia Pahang.
- Fluent Inc, 2004, Fluent 6.1 user's guide. New Hampshire, united state
- Heywood, J.B. 1988. *Internal combustion engine fundamentals*. USA: McGraw-Hill.
- Heywood, J.B., Pischinger, S. 1990. A model for flame kernel development in spark-ignition engine. Sloan Automotive Laboratory, Massachusetts Institute of Technology Cambridge, Massachusetts, U.S.A.
- Payri, F., Benajis, J., Margor, X. and Gil, A. 2003. CFD modeling of in-cylinder flow direct injection diesel engine. CMT-Motores Termicos, Elsevier
- Semin., Nik Izual, N.I., Rosli A.B. and Ismail, A.R. 2008. In-cylinder flow through piston-port engines modeling using dynamic mesh. Automotive Excellent Centre, Faculty of Mechanical, University Malaysia Pahang
- Sher, E., Ben-Yaish, J. and Kravchik, T.: "On the Birth of Spark Channels", *Combustion and Flame* 89, 186-194, 1992
- Sodja, J., 2007, Turbulence models in CFD, Department of Physics
- Song, J. and Sunwoo, M., 2000, A modeling and experimental study of initial flame kernel development and propagation in SI engines, *SAE technical paper*: 2000-01-0960.
- Tagalian J. and Heywood J.B., Flame Initiation in a Spark Ignition Engine, *Journal of Combustion and Flame*, 64, 243-246, 1986.
- Willard W. Pulkrabek, 1997, *Engineering Fundamentals of the Internal Combustion Engine*.
- Zhao, X., Matthews, R. D. and Ellzey, J. L., 1993, Three-Dimensional Numerical Simulation of Flame Propagation in Spark Ignition Engines, *SAE technical paper*: 932713.