REFERENCES

[1] Y. Liu, R.M.C. So, C.H. Zhang, 2003. Modeling the bifurcating flow in an asymmetric human lung airway. Hong Kong Polytechnic University.

[2] Tom Benson, 2008. National Aeronutics and Space Administration (NASA) http://www.grc.nasa.gov/WWW/K-12/airplane/airprop.html (online)

[3] efunda,2009.Global Spec. (online) http://www.efunda.com/Materials/common_matl/show_gas.cfm?

[4] answers.com,2009. (online) http://www.answers.com/topic/navier-stokes-equations

[5] National Heart Lung and Blood Institute, 2009. (online) http://www.nhlbi.nih.gov/health/dci/Diseases/Copd/Copd_WhatIs.html

[6] Arpad Farkas, Imre Balashazy, 2007. Simulation of the effect of local obstructions and blockage on airflow and aerosol deposition in central human airways. Atomic Energy Research Institute.

[7] Weibel, E. R. (1963). Morphometry of the human lung. NewYork: Academic Press.

[8] R.K. Calay, Jutarat Kurujareon, Arne Erik Holdø, 2001. Numerical simulation of respiratory flow patterns within human lung. University of Hertfordshire, Hertfordshire, UK

[9] H.H. Jin, J.R. Fan, M.J. Zeng, K.F. Cen, 2006. Large eddy simulation of inhaled particle deposition within the human upper respiratory tract. Zhejiang University, Hangzhou, PR China

[10] Cs. J. Hegedus, I. Balásházy, Á. Farkas, 2004. Detailed mathematical description of the geometry of airway bifurcations. Atomic Energy Research Institute and Eötvös Loránd University, Budapest, Hungary

[11] X. L. Yang, Y. Liu, 2004. Simulation of Effect of COPD on Respiratory Flow. The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, China

[12] X.Y Luo , J.S Hinton, K.K Liew Tan. 2003. *LES modelling of flow in a simple airway model*. USA: University of Sheffield.

[13] George Schiffman, MD. 2009. Chronic Obstructive Pulmonary Disease (COPD, Chronic Obstructive Lung Disease, (online) http://www.medicinenet.com/chronic_obstructive_pulmonary_disease_copd/article.htm

[14] R.M. Spencera, Jefry D. Schroeterb, T.B. Martonen. 2001. *Computer simulations of lung airway structures using data-driven surface modelling techniques*. USA: University of North Carolina.

[15] Pedley, T. J., Schroter, R. C., & Sudlow, M. F. (1970). The prediction of pressure drop and variation of resistance within the human bronchial airways. *Respiration Physiology*, *9*, 387–405.