

Research during last 10 years

1. Al-Haboubi, M., 1997. Statistics for a composite distribution in anthropometric studies, *Ergonomics*, Vol. 40, 189-198.
2. Al-Haboubi, M., and Selim, S., 1997. A design to minimize congestion around the Ka'aba, *Computers and Industrial Engineering* ,Vol.32 ,No.2, 419-428.
3. Al-Haboubi, M., and Baig, A. 1997. An Ergonomic Design for barbers' workstation. *Journal of Human Ergology*, Vol. 26, 39-50
4. Al-Haboubi, M.1998. Designing the area required for praying in a mosque. *Arabian Journal for Science and Engineering*,Vol.23, No. 1B,103-109
5. Al-Haboubi, M. 1998. The Female/Male ratio of anthropometric measurements. *Journal of Human Ergology*, Vol. 27, 9-16.
6. Al-Haboubi, M. 1999. Modeling Energy Expenditure during cycling. *Ergonomics* , Vol.42, No. 3, 416-427.
7. Al-Haboubi, M. 1999. Statistics for a composite distribution in anthropometric studies: The general case. *Ergonomics* , Vol.42, No. 4, 565-572.
8. Al-Haboubi, M. 1999. Optimizing Modal Split during Pilgrims' Movement from Arafat to Muzdallifa (Ifadhha) . *Arabian Journal for Science and Engineering* , Vol.24, No. 1B,95-102
9. Al-Haboubi, M.1999. Designing a license plate. *Applied Ergonomics* ,Vol. 35,No. 5,421-428.
10. Al-Haboubi, M. and Selim S. 2000. Noise change as an indicator of maintenance requirement. *Journal of Quality Maintenance Engineering* ,Vol. 6, No. 1, 20-27
11. Al-Haboubi, M. 2000. Analyzing rectangular classrooms. *Journal of Architectural Engineering* , Vol. 6, No. 1, 1-5
12. Al-Haboubi, M. and E. Ishteaqee. 2000. Designing new classrooms buildings. *Journal of Architectural Engineering*, Vol. 6, No. 4, 129-132.
13. Al-Haboubi, M. 2000. Towards designing new classrooms. *Journal of Human Ergology* , Vol.29, 27-34
14. Al-Haboubi, M.2001. Discovering a secular trend through a cross-sectional study. *Arabian Journal for Science and Engineering*, Vol. 26, NO. 1B, 43-57
15. Al-Haboubi, M. 2003. A new layout design for the Jamarat area(stonning the devil) during Hajj, *Arabian Journal for Science and Engineering*, Vol. 28, NO. 2B, 131-142
16. Al-Haboubi, M. Designing the interior of a bus for pilgrims. Submitted
17. Selim, S. and Al-Haboubi, M. Workers assignment under noisy condition. Submitted

18. Al-Haboubi, M. and Selim, S. 1997. Modeling the Flow of Pilgrims around Ka'aba (TAWAF). Proceeding of the 15th Computer National Conference, Dhahran, Saudi Arabia,521-534
19. Al-Haboubi. M. 1997. Inter-person distance. Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Tampere , Finland, Vol. 7, 322-324.
20. Al-Haboubi, M. 1999. Comparative study for license plates in Saudi Arabia. Proceedings of the Fifth Saudi Engineering Conference, Mekka,Saudi Arabia,Vol. 3, 203-211 (in Arabic)
21. Al-Haboubi, M. 1999.A computer program to find statistics for a composite distribution. Proceedings of the International Conference on Computer-Aided Ergonomics and Safety , Barcelona, Spain, CD-ROM.
22. Al-Haboubi, M. 2001. Human performance at different climatic conditions. Proceedings of the International Conference on the applications of Human Performance in Health and disability, Cairo, Egypt,38-41.
23. Al-Haboubi, M. and Shublaq,E.2004. Simulation to perform Umrah, Proceedings of Fourth Symposium of Hajj Research, Makkakh, Saudi arabia, CD-Rom
24. Al-Haboubi. M. and Duffuaa,S. 2004 Cost-time trade off for projects with nonlinear cost functions, Proccedings of the International Industrial Engineering Conference, Tehran,Iran,Second Volume,224-233
25. Selim, S. and Al-Haboubi,M. 2004. Workers assignment under noisy conditions, proceedings of the 17th European Conference on Combinatorial Optimization,Beirut,Lebanon
26. Al-Haboubi,M. 2005. A new Layout design for the Jamarat area.Proceedings of the Fifth Sceintific Symposium For Hajj Research,Makkah,Saudi arabia
27. Audit of the Production System for Productivity Improvement at Al-Ghamdi Wood Industries, RI project # 96701/SQ6496,1997 (Principal Investigator).
28. Skills in Measuring and Reducing Industrial Costs to the Industrial Bank Of Kuwait, RI Project # CEMS 4903,2000. In Arabic(Principle investigator)
29. Design and Fabrication of Prototype Sitz Bath (for hemorrhoid patients) , RI project # CER 2221, 2000 (Co-investigator)
30. Simulation of Nafra from Arafat, Ministry of Hajj, 2000. (Co-investigator)
31. Community Service-AAFAQ project, RI project # REC02257, Minstry of Higher Education, 2006. (Co-investigator)
32. Environmental Monitoring for Seismic and Exploratory Drilling Operations , RI project # CEW2340, 2006, EinRepSa Gas Limited. (Task leader).
33. Environmental Baseline Study: Manifa Central Processing facilities, RI project # CEW2341, SAFCON. (Task leader)