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B.S. 1978 Boğaziçi University, İstanbul, Turkey, Mechanical Engineering

M.S. 1980 Mississippi State University, Mechanical Engineering

PhD. 1983 University of Houston, Mechanical Engineering

### **Selected Publications:**

1. Annaorazov, M.P., H. M. Güven ve K. Bärner, “COP of cooling cycles around the AF–F transition in FeRh based on experimental data ARTICLE”, Journal of Alloys and Compounds, In Press, Corrected Proof , Available online 10 February 2005
2. Atikol, U. and H. Güven, “A methodology for Assessing the Feasibility of DSM Technology Transfer to Developing Countries”, Applied Energy, 76, 197-210, 2003.
3. Atikol, U. and H. Güven, “Impact of Cogeneration on Integrated Resource Planning of Turkey, ENERGY”, 28, 1259-1277, 2003.
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5. Atikol, U., M. Dagbası, and H. Güven, “Identification of residential end-use loads for demand- side planning in Northern Cyprus, ENERGY”, 24, 231-238, 1999.
6. Guven, H., “Computerized Control and On-line Performance Monitoring of an Instructional Mini-steam Cycle Power Plant, International Journal of Engineering Education”, Vol. 11, Nos. 4 and 5, pp.255-398, 1995.
7. Guven, H., “A Method for Formulation of the Conceptual Design of Non-fossil Fuel Fired Power Plants, Engineering Optimization”, Vol. 23, pp. 25-46, 1994.
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10. Guven, H., “Optimization of Parabolic Trough Collectors Design for Developing Country Applications Using a Closed-form Expression for Intercept Factor, Technical Brief in Journal of Solar Energy Engineering”, Vol. 116, No. 3, pp. 164-166, 1994.
11. Thomas A. and H.M. Guven, “Parabolic Trough Concentrators-design, construction and evaluation, International Journal of Energy Conversion and Management”, Vol. 34, No. 5, pp.401, May 1993.
12. Guven, H. and J. Flynn, “TES Commissioning Issues, Energy Engineering, Journal of the Association of Energy Engineers”, Vol. 89, No.4, 1992.

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15. Guven, H. and S. Heywood, "Optimization of Total Energy System Combining TES and Cogeneration, Cogeneration Journal", Vol.3, No.2, 1988.
16. Neuman, V. and H. Guven, "A Simple Ranking Method for Choosing HVAC Systems, Energy Engineering, Journal of the Association of Energy Engineer", Vol. 85, No.2, 1988.
17. Guven, H. and R.B. Bannerot, "Derivation of Universal Error Parameters for Comprehensive Optical Analysis of Parabolic Troughs, Journal of Solar Energy Engineering", ASME Transaction, Vol. 108, No.4, pp.275-281, November 1986.
18. Guven, H., F. Mistree and R.B. Bannerot, "A Conceptual Basis for the Design of Parabolic Troughs for Different Design Environments, Journal of Solar Energy Engineering", ASME Transaction, Vol. 108, Feb. 1986, pp.60-66.
19. Guven, H. and R.B. Bannerot, "Determination of Error Tolerances for Optical Analysis of Parabolic Troughs for Developing Countries", Solar Energy, Vol. 30, No.6, pp.535-550, 1986.
20. Guven, H., F. Mistree and R.B. Bannerot, "Design Synthesis of Parabolic Trough Solar Collectors for Developing Countries, Engineering Optimization", Vol.7, No.3, 1984.
21. Russell, L. D. and H. Guven, "Modeling of an All-Plastic Flat-Plate Solar Collector, ASME Transaction, Journal of Solar Energy Engineering", Vol. 104, No. 4, 1982.

## **Books**

1. Güven, H. M., "Civilizations and Natural laws: A Positive Sciences Perspective, NEW PARADIGMS IN LEADERSHIP", a book co-edited with Adel Safty (pp. 148-164); Bahcesehir Ubiversity Press (February 2003).
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3. Güven, H. M., "Leadership in Education: Bahçesehir University – An intercultural Model in Progress, NEW PARADIGMS IN LEADERSHIP", a book co-edited with Adel Safty (pp. 326-360); Bahcesehir Ubiversity Press (February 2003).
4. Guven, H. M. and R.B. Bannerot, "A Comprehensive Methodology for the Analysis and Design of Parabolic Trough Collectors for Solar Energy Applications in India, published as a chapter in Progress in Solar Engineering", Ed. Yogi Goswami, Hemisphere Publishing Corp., New York, N.Y., 1986.

### Articles and conference papers:

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2. Mohamed, J. and H. Guven, "An Overview of SO<sub>2</sub> Control Technologies to Comply with the Clean Air Act Amendments (CAAA) of 1990", 3rd Florence World Energy Research Symposium, Florence, Italy, July 1994.
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8. Guven, H. M., "Optimization of Parabolic Trough Collectors Design Using a Closed-form Expression for Intercept Factor", Solar Engineering 1987, ASME-JSME-JSES Solar Energy Conference, Honolulu, HI, March 22-27, 1987.
9. Thomas, A. and H. Guven, "Wind Tunnel Tests on Scale Models of Parabolic Trough Concentrators", ASME Paper, 1987 ASME Winter Annual Meeting, Boston, MA., Dec. 13-18, 1987.
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