


## References

1. **Auracher H**, The application of exergy to refrigeration process optimization, *XV<sup>th</sup> International congress of refrigeration*, 1979, **ii**, 239 – 255.
2. **Barclay F J**, Co-generation in arid and cool climates: a new unified perspective using exergy analysis, *Proc Instn Mech Engrs*, 1988, **202**, 129 – 139.
3. **Ben I W**, *Second law analysis of gas turbines*, 1999,  
<http://www.benwiens.com/energy2.htm>
4. **Datta A** and **Som S.K**, Energy and exergy balance in a gas turbine combustor, *Proc Instn Mech Engrs, Part A, Journal of Power and Energy*, 1999, **213**, 23 – 31.
5. **David R M** and **Jan Szargut**, Standard chemical exergy of some elements and compounds on the planet earth, *Energy*, 1986, **11**, 733 – 755.
6. **Dekker E J**, *Exergy analysis of the production process of delamine in the context of the MPI of the N.V. Dutch Gasunion*,  
<http://www.thw.wb.utwente.nl/topics/exergy/exergy-journal/No2/dekker/index.htm>
7. **Eastop T D** and **McConkey A**, *Applied Thermodynamics*, 1993, (Wesley Longman Limited)
8. **Egrican, A.N** and **Ahmet, K**, Second law analysis of a solar powered rankine cycle / Vapor compression cycle, *Heat recovery systems*, 1986, **6**, 135 – 145.
9. **EPA Global warming site**,  
<http://www.epa.gov/globalwarming/actions/efficiency/index.htm>
10. **Erik Tober**, *Theoretical background of exergy analysis*,  
[http://www.thw.wb.utwente.nl/topics/exergy/theory\\_e.thm](http://www.thw.wb.utwente.nl/topics/exergy/theory_e.thm)
11. **Gallo, W.L.R.** and **Milanez, L.F.** Choice of a reference state for exergetic analysis, *Energy*, 1990, **15**, 113 – 121.
12. **Gerard Hirs**, Exergy loss: A basis for energy taxing,  
<http://www.thw.wb.utwente.nl/topics/exergy/publications/extax.htm>
13. **Goodall, P M**, *The Efficient Use of Steam*, 1980 (Westbury house)
14. **Goran Wall** and **Mei Gong**, *Exergy analysis versus pinch technology*,  
<http://www.exergy.se/mei/papers/exergy-pinch/>
15. **Graveland, A.J.G.G.** and **Gisolf, E.** Exergy analysis: An efficient tool for process optimization and understanding, *Chemical engineering*, 1998, **22**, 454 – 552.

16. **Hammond G P and Stapleton A J**, Exergy analysis of the United Kingdom energy system, *Proc Instn Mech Engrs, Part A*, 2001, **215**, 1 – 21.
17. **Harry, M S and Anthony, L K**, *Boiler Operators Guide*, 1981 ( McGraw-Hill Book Company)
18. **Herbert W H and Stephen C H**, Second law analysis: An alternative indicator of system efficiency, *Energy*, 1980, **5**, 865 – 873.
19. **Hua B, Chen Q. L, and Wang P**, A new exergoeconomic approach for analysis and optimization of energy systems, *Energy*, 1997, **22**, 1071 – 1078.
20. **Huang, Y.C, Hung, C.I and Chen, C.K.** Exergy analysis for a combined system of steam-injected gas turbine cogeneration and multiple-effect evaporation, *Proc Instn Mech Engrs, Part A*, 2000, **214**, 61 – 73.
21. **Jan, S.** Energy and exergy analysis of the preheating of combustion reactants, *Energy research*, 1988, **12**, 45 –58.
22. **Kotas T.J, Mayhew Y.R and Raichura R.C**, Nomenclature for exergy analysis, *Proc Instn Mech Engrs, Part A, Journal of Power And Energy*, 1995, **209**, 275 - 280.
23. **Kotas T J, Hirs G G and Cornelissen R. L**, *An exergy analysis of an oil distillation process*,  Electronic Theses & Dissertations <http://www.thw.wb.utwente.nl/topics/exergy/exergy-journal/no2/cornelissen/index.htm>
24. **Kumar S, Prevost M and Bugarel R**, Exergy analysis of a compression refrigeration system, *Heat Recovery System & CHP*, 1989, **9**, No.2, 151 – 157.
25. **Marc, A.R. and Ibrahim, D**, Exergy analysis of waste emission, *Energy*, 1999, **23**, 1153 – 1163.
26. **McGovern J.A**, Exergy analysis – a different perspective on energy, Part 1 and Part 2, *Proc Instn Mech. Engrs. Part A, Journal of Power and Energy*, 1990, **204**, 253 - 267.
27. **Moran, M. J.** *Availability Analysis, A Guide to Efficient Energy Use*, 1982 ( Pretice-Hall, Englewood Cliff, New Jersey )
28. **Moran, M. J and Sharpiro, H.N** *Fundamentals of Engineering Thermodynamics*, 1988 (John Wiley, New York)
29. **Mozes W, Cornelisson R L, and Hirs G G**, *Exergy analysis of the conventional textile washing process*, <http://www.thw.wb.utwente.nl/topics/exergy/publications/detergent.htm>

30. **Murat T, Mithat U and Akif O**, Exergy analysis of solar-assisted heat pump systems, *Applied energy*, 1988, **29**, 1 – 16.
31. **Murgai, M P and Ram Chandra**, *Boiler Operations*, 1990 (Wiley Eastern Limited, India)
32. **Nag, P.K and De, S**, Study of thermodynamic performance of an integrated gasification combine cycle power plant, *Proc Instn Mech Engrs, Part A*, 1998, **212**, 89 – 95.
33. **Noel D N and Seader J D**, Lost work: A measure of thermodynamic efficiency, *Energy*, 1980, **5**, 757 – 769.
34. **Paul W O C**, *Energy management*, 1992 ( McGraw-Hill Book Company)
35. **Peter, D O**, *Handbook of Energy Data and Calculations*, 1985 (Butterworths)
36. **Sharma, S P and Chandra Mohan**, *Fuels and Combustion*, 1987 (Tata McGraw-Hill Publication, New Delhi)
37. **Simon F S and Jan L R**, *Performance criteria for a heat exchanger*,  
[http://www.thw.wb.utwente.nl/topics/exergy/publications/hx\\_crit/htm](http://www.thw.wb.utwente.nl/topics/exergy/publications/hx_crit/htm)
38. **Via Santa Marta**, *Exergy analysis of the semi-closed gas turbine combined cycle*, <http://www.fias.de.unifi.it/flowers/fiasgpm/fiasgpm.htm>
39. <http://www.coe.ttu.edu/me/dpj/thermo/Exergy/Exergy.htm>
40. United State Environmental Protection Agency Site:  
<http://www.epa.gov/globalwarming/>