

- and conventional solution. Energy 19.3: 279-286.
- [23] Kwon, Ho Y, Kwak HY, Doek S. (2001). Exergoeconomic analysis of gas turbine cogeneration systems. Exergy, An International Journal 1(1): 31-40.
- [24] Bandpy G, Mofid, Ebrahimian V. (2006). Exergoeconomic analysis of gas turbine power plants. International Energy Journal 7(1).

NOMENCLATURE

Adiabatic coefficient γ

| | |
|------------------------|-----------|
| Air | <i>a</i> |
| Pressure | P |
| Compressor | C |
| Fuel | <i>f</i> |
| Gas | <i>g</i> |
| combustion chamber | CB |
| Low thermal fuel value | LHV |
| Temperature | T |
| Recuperator | rec |
| Pure | net |
| Gas turbine | GT |