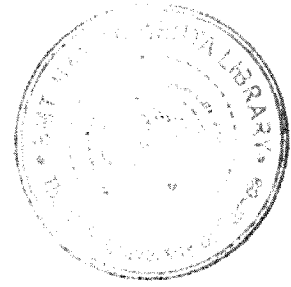


Nomenclature



Symbols

A	Area
D	Engine cylinder diameter
L	Engine cylinder stroke
m_a	Air mass flow rate
m_f	Diesel fuel mass flow rate
N	Speed

Greek

ρ	Density
η	Efficiency

Abbreviations

ANN	Artificial Neural Network
BTHE	Brake Thermal Efficiency
BSFC	Brake Specific Fuel Consumption
BMEP	Brake Mean Effective Pressure
GA	Genetic Algorithm
HBP	Heat Equivalent of Brake Power
HGas	Heat Equivalent of Exhaust Gas
EGT	Exhaust Gas Temperature