S_{ni}^{dg}	Gravitational Constant
GF	Mass of object i
GC	Mass of object j
Mi	Distance between objects
Mj	fitness
D	high power loss
fit	low power loss
Bad	dimension
Good	Intensity of light at d distance
d	Source Intensity
IL (d)	Original IL
Is	
ILO	

Greek symbols

δ_{mi}	mi bus voltage phase angle
δ_{ni}	ni bus voltage phase angle
θni	angle of admittance of $Y_i = Y_{ni}\angle\theta_{ni}$
η	density factor
β	Absorption coefficient
α_0	attractiveness at d = 0
δ_{mi}	mi bus voltage phase angle

Subscripts

FA	Firefly Algorithm
GSA	Gravitational Search Algorithm
DG	Distributed Generation
FW/BW	Forward and Backward
PV	Photo Voltaic