Certificate of Publication



This is to certify that

Collins Iyaminapu Iyoloma

Published following article

Comparative Study of Path-Loss Minimization Using Rao-Type Metaphor less Optimization Approaches

> In Volume 14, Issue 6, pp 124-127, June 2025



ISSN(e): 2319-1813, ISSN(p): 2319-1805



Managing Editor www.theijes.com

Certificate of Publication



This is to certify that

Tamunotonye Sotonye Ibanibo

Published following article

Comparative Study of Path-Loss Minimization Using Rao-Type Metaphor less Optimization Approaches

> In Volume 14, Issue 6, pp 124-127, June 2025



ISSN(e): 2319-1813, ISSN(p): 2319-1805



Managing Editor www.theijes.com

Certificate of Publication



This is to certify that

Minah-Eeba Winner

Published following article

Comparative Study of Path-Loss Minimization Using Rao-Type Metaphor less Optimization Approaches

> In Volume 14, Issue 6, pp 124-127, June 2025



ISSN(e): 2319-1813, ISSN(p): 2319-1805



Managing Editor www.theijes.com