
Paths of Minimal Length on Suborbital Graphs with Recurrence Relations

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Abstract

In this paper, we study suborbital graphs for congruence subgroup $\Gamma_0(N)$ of the modular group Γ to have vertices of the graph $\mathbf{F}_{u,N}$ and hyperbolic paths of minimal length with recurrence relations give rise to a special continued fraction.

References

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