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**Meromorphic Solutions of some non-linear q-shift difference equations**

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**Abstract**

With the help of Nevanlinna theory, we investigate the existence of meromorphic solution of certain class of q-difference differential equations and consequently we are able to show that no transcendental meromorphic function with some conditions will satisfy such equations.

**Keywords:**

Graph theory, domination, Harary graph, 05C12, 68M10, 68R10

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