

# Stretching and shrinking of string interacting with external field

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## **Abstract**

In a previous workshop in UK, we have reported motion of string interacting with external field. We have presented two loop solitons without rotation motion, that is, null angular momentum and with rotation, that is, non zero angular momentum. We have discussed in detail how to collide two loop solitons under external force.

Here we shall continue to present motion of loop solitary wave where motion is discussed from the view point of stretching and shrinking of string. We shall also consider other three equations related to our base equation.