| **Lecture Quiz** | **To Accompany: String Waves with Gravity & Friction** |
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| **Landau, Pàez & Bordeianu**, | ***Computational Physics***, Wiley-VCH |

1. What is the effect of friction on wave motion?
2. How is the assumed frictional force dependent on velocity?
3. In what direction is the velocity of question 2?
4. When friction is included, how many derivatives now appear in the wave equation?
5. How are the derivatives in the wave equation being approximated?
6. What physical effects might make the tension in the string vary?
7. What is the mathematical equation that describes a catenary?
8. Why does the derivative of the string tension enter into the wave equation?