

# Wave Dispersion

- Wave equation (1) provides an excellent description of motions on the wave table. Nevertheless, this does not mean the imperfection, or more precisely, phenomena of non-linearity, cannot be observed; for example, the shape peak of a pulse may turn flattened and widened as you can see. Decide which of the following factors contributes to this fact.
  - a.) The length of the spine.
  - b.) The weight of rods.
  - c.) The shear modulus of the spine.
  - d.) Air friction.
  - e.) None of the above.