

- Characteristics for Klein-Gordon.
- Characteristic scheme for solving Klein-Gordon, written as
 - $u_t + c*u_x = v$ and $v_t - c*v_x = -F(u)$
- Cannot solve exactly, but can use to advance dt , and propagate sln.
- Use to introduce Domain of dependence and influence.
- Compact support initial value stays this way.
- Linear Klein-Gordon by Fourier Transform.
- Qualitative idea of dispersion (bump disperses because of lost coherence).
The example of the rainbow (dispersion).

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18.311 Principles of Applied Mathematics
Spring 2014

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