## 1 New Content

## 1.1 Monday, 13th April

- 1. Slope Fields are drawings with the slope at any given point, and can tell a lot about a differential equation without solving it.
- 2. A big reason slope fields are useful is that there are some differential equations we are unable to solve. The handout has some examples and rules.
- 3. Drawing out a slope field by hand is tedious and unpleasant, so don't do it unless you have to.