

5.15 Graphical approximations to differential equations

Checklist

What you should know

By the end of this subtopic you should be able to:

- estimate the solution of a first-order differential equation of the form $y' = F(x, y)$ through the use of slope fields and isoclines
- sketch the slope field and isoclines
- sketch solution curves guided by the geometry of the slope field or isoclines.

