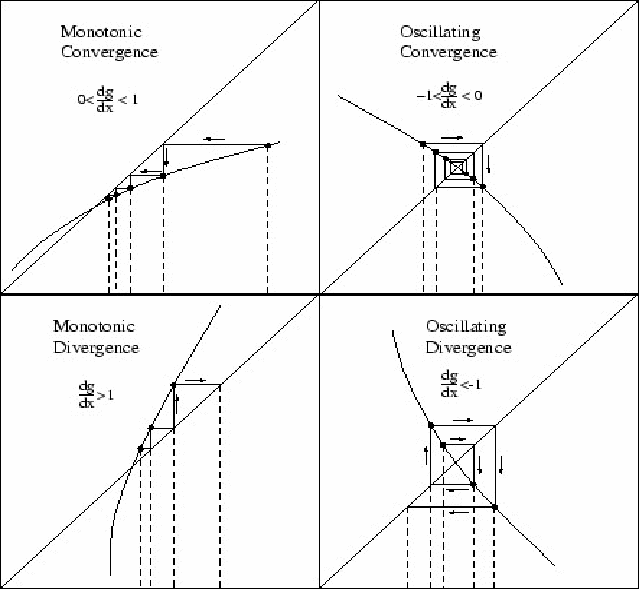
**10B Iterations**



1. Given that
2. Show that the equation can be written as , .

The equation has a root, , in the interval .

1. Use the iterative formula

, with to find the value of , and .

1. Show that the equation has a root in the interval
2. Use the iterative formula:

To calculate the values of , and , giving answers to 4 decimal places, when:

i) ii)