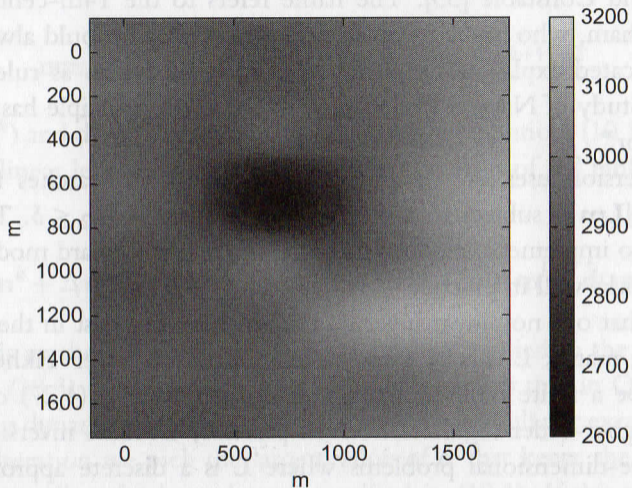
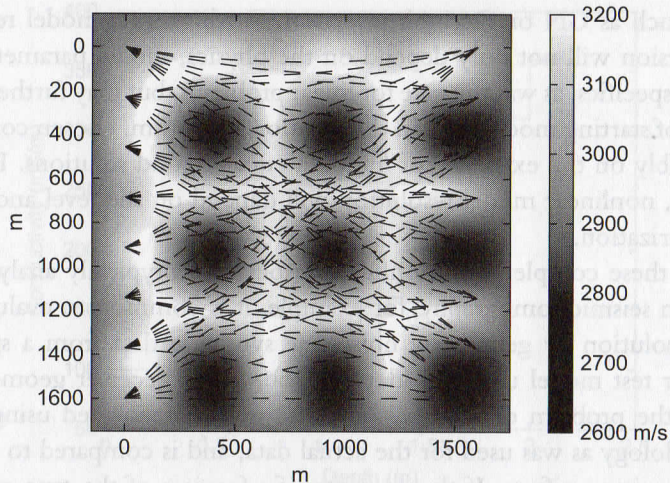


**Figure 10.1** True velocity model and the corresponding ray paths for the bent-ray cross-well tomography example.



**Figure 10.4** Best-solution velocity structure (m/s),  $\alpha$  selected using the discrepancy principle,  $\alpha \approx 3$



**Figure 10.9** Checkerboard test model and ray paths for the cross-well tomography problem of Example 10.1.