



Plate 8. Development of a spiral wave pattern in a spatial hypercycle system. Colour molecule species: (1) red; (2) orange; (3) yellow; (4) green; (5) light blue; (6) blue. In order to increase contrast we do not show the state of a cell, but instead we show the majority molecule species in the 9-cell neighbourhood of the cell. If all 9 cells are empty the cell is white. **A)**  $t=0$ , random initialization; **B)**  $t=1000$ ; **C)**  $t=2000$ , stable pattern.

Plate 9. Direction of growth within a spiral. Molecules in the middle and the periphery of a spiral are labelled. Plate 8C is used as a starting pattern; **A)**  $t=0$ , starting pattern with labelling; **B)**  $t=30$ ; **C)**  $t=200$ .

Plate 10. Stability experiments. Figure 4 is used as a starting pattern. **A)**  $\text{decay}[1]=0.06$ ; **B)**  $\text{decay}[1]=0.03$ ; **C)**  $\text{decay}[1]=0.05$ .