

Each question for this assignment was worth 1 mark.

Here are some comments from the TA who marked the assignments.

7.11. Students sometimes did not show their work.

7.15. When computing the effect of the tent map T on a ternary string, for $x = 0.a_1a_2a_3\dots$ in the region $[1/2, 1]$, students sometimes did not relate the ternary expansion of $T(x)$ to the ternary expansion of x , i.e., they might write something like $T(x) = 0.b_1b_2b_3\dots$ without any indication of how the b 's are related to the a 's.

8.5. and 8.10. Many students tried to use methods of previous chapters to study the bifurcations instead of looking at the orbit diagrams. Students sometimes forgot to look at the behaviour of the orbit diagram before the bifurcation as well as after.

I was very generous in marking these questions. If the students wrote anything that convinced me they were at least looking at the right diagram, I generally gave them the point.