Modelling and Simulation
Practical Assignment I: The Chirikov map

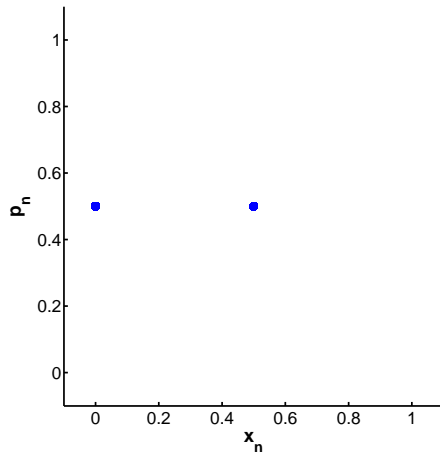Rick van Veen (s1883933)   Laura Baakman (s1869140)

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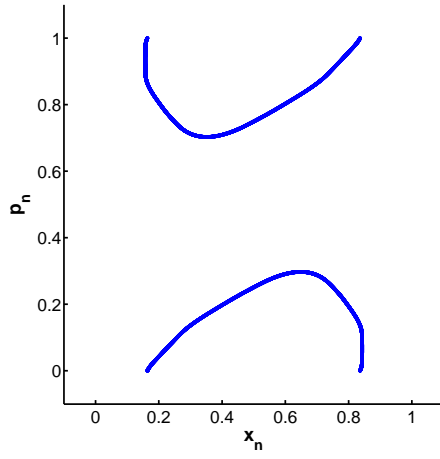
I.   Introduction

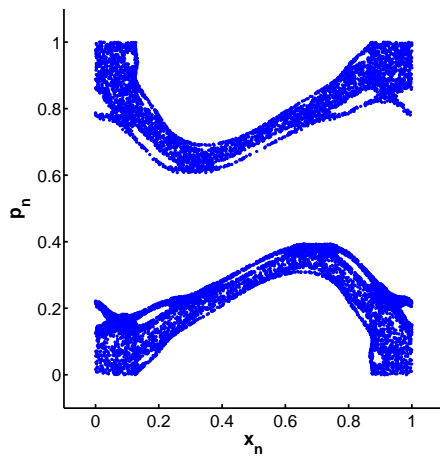II.   Experiments

III.   Conclusion

(a) $x_n = 0.5, p_n = 0.5$

(b) $x_n = 1.576\,131 \times 10^{-1}, p_n = 9.705\,928 \times 10^{-1}$

(c) $x_n = 1.269\,868 \times 10^{-1}, p_n = 9.133\,759 \times 10^{-1}$

Figure 1

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