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The importance of chaotic attractors in modelling tumour growth

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The Importance of Chaotic Attractors in Modelling Tumour Growth — Highlights

- Chaotic behaviour exists in a 3-cell model of cancer.
- If we increase the “tumour-cell death” parameter – seemingly a good idea! – the maximum tumour size increases.
- This counterintuitive result reinforces the idea that cancer treatment should sometimes seek to maintain the tumour in limit cycle dynamics, rather than trying to eliminate all cancerous cells.

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