

COLÓQUIO DE MATEMÁTICA

What is Mathematical Biology and How Useful is it?

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Abstract:

Biological processes are very complex, and mathematical models of such processes are at best just a crude approximation. Nevertheless one can gain some useful knowledge from the models. In this talk, I shall give examples of biological and biomedical problems that have been addressed by mathematical models. The examples will be from areas as diverse as wound healing, hemodialysis, tuberculosis, and cancer.

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