ESTIMATION OF SOME PARAMETERS IN CANCER MODELING USING NONLINEAR OPTIMIZATION.

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Abstract

In this talk we show a methodology for estimating unknown parameters that appear in Cancer Modeling. We propose an appropriate functional to compare both the real data and the numerical solution of the model. Then, we use a version of the adjoint method for the minimization of this functional. Finally, we will show some simulations of the solution for different values of the unknown parameters.

References

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