

- tumor_ablation.mph (root)
 - Global Definitions
 - Model 1 (mod1)
 - Definitions
 - Geometry 1
 - Materials
 - Electric Currents (ec)
 - Bioheat Transfer (ht)
 - Domain ODEs and DAEs (dode)
 - Distributed ODE 1
 - Initial Values 1
 - Mesh 1
 - Study 1
 - Step 1: Time Dependent
 - Step 2: Time Dependent 2
 - Solver Configurations
 - Solver 1
 - Results
 - Data Sets
 - Solution 1
 - Views
 - 8.85 e-12 Derived Values
 - Tables
 - Electric potential
 - Temperature
 - Isothermal contours
 - Temperature at one electrode tip
 - 1D Plot Group 5
 - Global 1
 - 3D Plot Group 6
 - Surface 1

- 1
- 2 (not applicable)
- 3 (not applicable)
- 4 (not applicable)
- 5 (not applicable)
- 6 (not applicable)
- 7 (not applicable)
- 8 (not applicable)



Override and Contribution

Equation

Show equation assuming:

Study 1, Time Dependent

$$e_a \frac{\partial^2 u}{\partial t^2} + d_a \frac{\partial u}{\partial t} = f$$

Source Term

f

Damping or Mass Coefficient


d_a s/m²

Mass Coefficient

e_a s²/m²

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Study Settings

Times: s 

Relative tolerance:

Results While Solving

Physics and Variables Selection


Modify physics tree and variables for study step

	Physics	Solve for	Discretization
	Electric Currents (ec)	✓	Physics settings ▼
	Bioheat Transfer (ht)	✓	Physics settings ▼
	Domain ODEs and DAEs (dode)	✗	Physics settings ▼

Values of Dependent Variables

Initial values of variables solved for

Method:

Study: 

Values of variables not solved for

Method:

Study: 


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Physics	Solve for	Discretization
Electric Currents (ec)	✗	Physics settings ▼
Bioheat Transfer (ht)	✗	Physics settings ▼
Domain ODEs and DAEs (dode)	✓	Physics settings ▼

▼ Values of Dependent Variables


Initial values of variables solved for

Method:

Study: 

Values of variables not solved for

Method:

Study: 

Time:

▶ Mesh Selection

▶ Study Extensions

Model Builder

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Plot

Data

Data set: Solution 1

Time: 900

Expression

Expression: u

Unit: 1

Description: Dependent variable u

Title

Plane Data

Plane type: Quick

Plane: yz-planes

Entry method: Number of planes

Planes: 1

