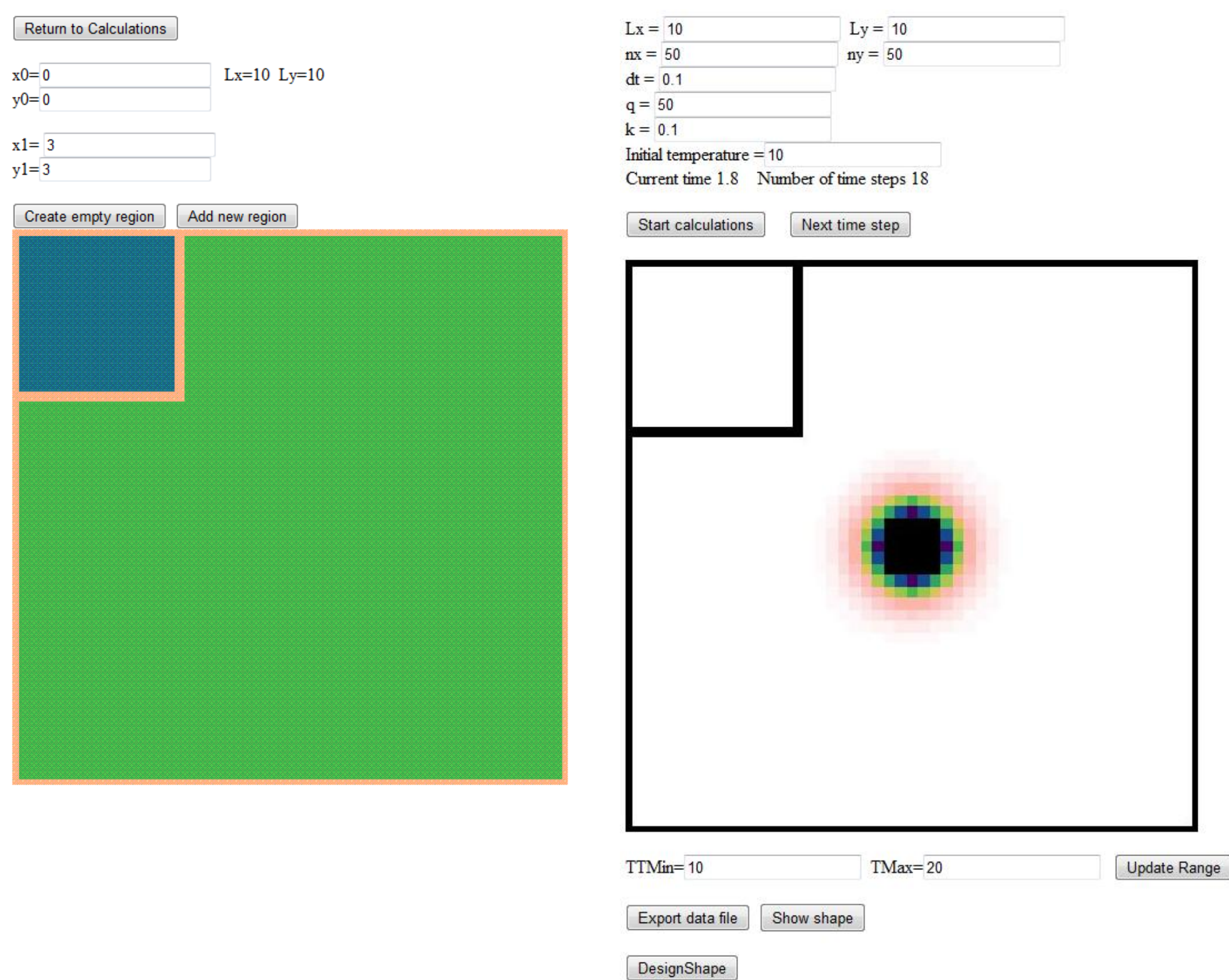


Online Homework Assignments and Visualizations in Modern Teaching of Numerical Analysis

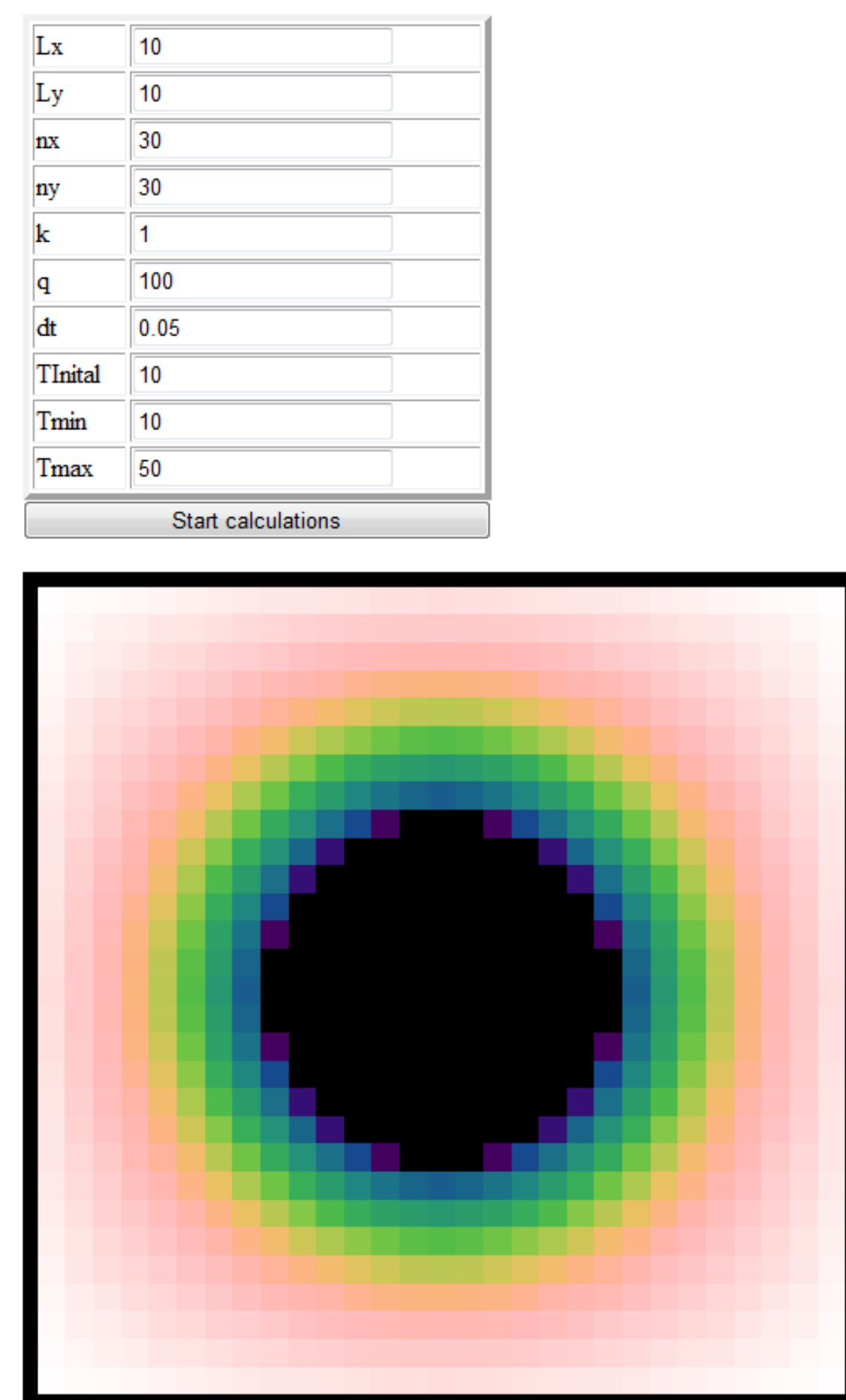
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Heat transfer equation (ASP.NET)



Heat transfer equation (Java)

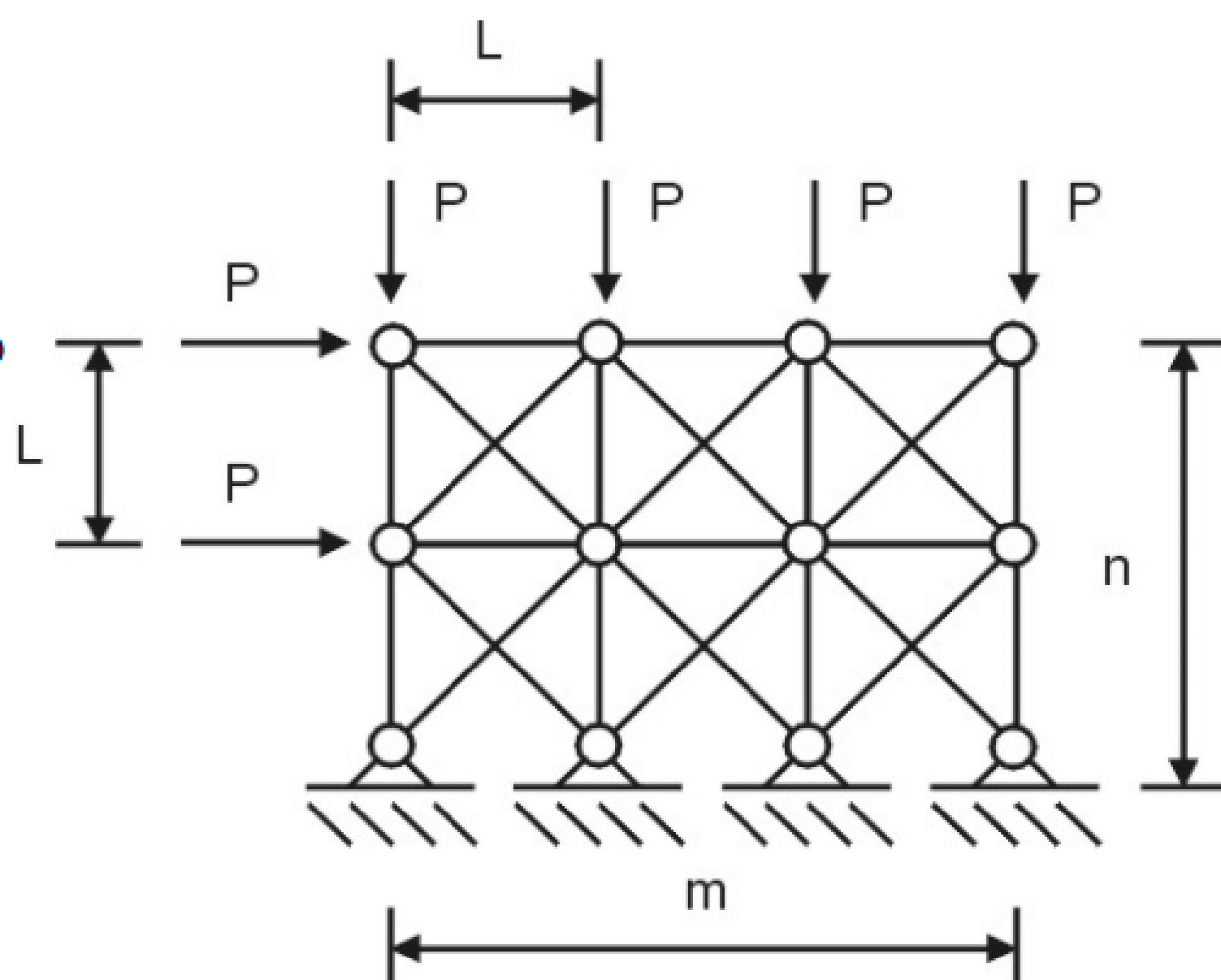


Mathematical modeling (PHP)

Describe the structure

2	Number of rows (n)
3	Number of columns (m)
1	L [m]
10	P [kN]
210E9	E [N/m ²]
0.0025	A [m ²]
5	dE [%]
5	dA [%]

Generate the code



Optimization with differential equation constraints (Silverlight)

