

training interns - Task #743

Interpolation

08/30/2025 04:40 PM - Hoang Le

<b>Status:</b>	New	<b>Start date:</b>	08/30/2025
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Hoang Le	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b> Implement general-purpose interpolation utilities using Numpy, including: - A wrapper that validates input and calls a specified interpolation algorithm. - Performs 1D linear interpolation between two points. - Computes a weighted average using a Gaussian kernel. - Performs bilinear interpolation over a 2D rectangle.			

Associated revisions

Revision 44ee2e07 - 08/30/2025 05:00 PM - Hoang Le

refs #743 ~ Complete interpolation issue