

The image shows a 10x10 grid of colored squares. The color scale ranges from dark purple (low values) to yellow (high values). The distribution is as follows:

- Row 1:** Yellow (1-4), Dark Purple (5-6), Yellow (7-10).
- Row 2:** Yellow (1-2), Dark Purple (3-6), Yellow (7-10).
- Row 3:** Yellow (1-2), Yellow (3), Dark Purple (4-6), Yellow (7-10).
- Row 4:** Yellow (1-2), Dark Purple (3-6), Yellow (7-9), Dark Purple (10).
- Row 5:** Dark Purple (1-10).
- Row 6:** Dark Purple (1-10).
- Row 7:** Dark Purple (1-10).
- Row 8:** Dark Purple (1-10).
- Row 9:** Dark Purple (1-10).
- Row 10:** Dark Purple (1-10).



The heatmap displays the spatial distribution of a scalar field across a 10x10 grid. The color scale indicates values from 12 to 21. The bottom-left corner (rows 19-21, columns 1-3) is predominantly yellow (value 21). The top-right corner (rows 12-14, columns 8-10) is dark purple (value 12). Other notable features include a dark purple patch at (row 12, column 6), a light yellow patch at (row 13, column 9), and a large yellow region at (row 20, column 1). The rest of the grid shows a mix of values, with a general trend of higher values (yellow) in the bottom-left and lower values (purple) in the top-right.

