

The figure displays a 4x5 grid of 20 heatmaps, each representing the spatial distribution of the 20th-order Legendre polynomial for a specific value of α . The heatmaps are labeled #0 through #19. The color scale indicates the magnitude of the polynomial, with dark purple representing low values and bright yellow representing high values. The patterns show increasing complexity and localization as α increases from 0 to 19.

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