ASTAR 4D–SPED: Correlation coefficient maps

Virtual Bright-Field  Orientation map  Deformed Steel

ASTAR Cross-correlation weights similarities between successive diffraction patterns

Credits: S. Descartes LaMCOs, Lyon

\[ C_{\text{iso}}(i, j) = \sqrt{\frac{\sum_{x,y} [p_{ij}(x,y) - p_{ij+1}(x,y)]^2 + \sum_{x,y} [p_{ij}(x,y) - p_{ij+1}(x,y)]^2}{2N}} \]