

Atmosphärische Spurensuche

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Tensor-Train Decomposition

Tensor-Train format:

$$A(i_1, \dots, i_d) = \sum_{\alpha_1, \dots, \alpha_{d-1}} G^{(1)}(i_1, \alpha_1) \cdot G^{(2)}(\alpha_1, i_2, \alpha_2) \cdot \dots \\ \cdot G^{(d)}(\alpha_{d-1}, i_d)$$

Where $G^{(k)}$ is a $r_{k-1} \times n_k \times r_k$ tensor.