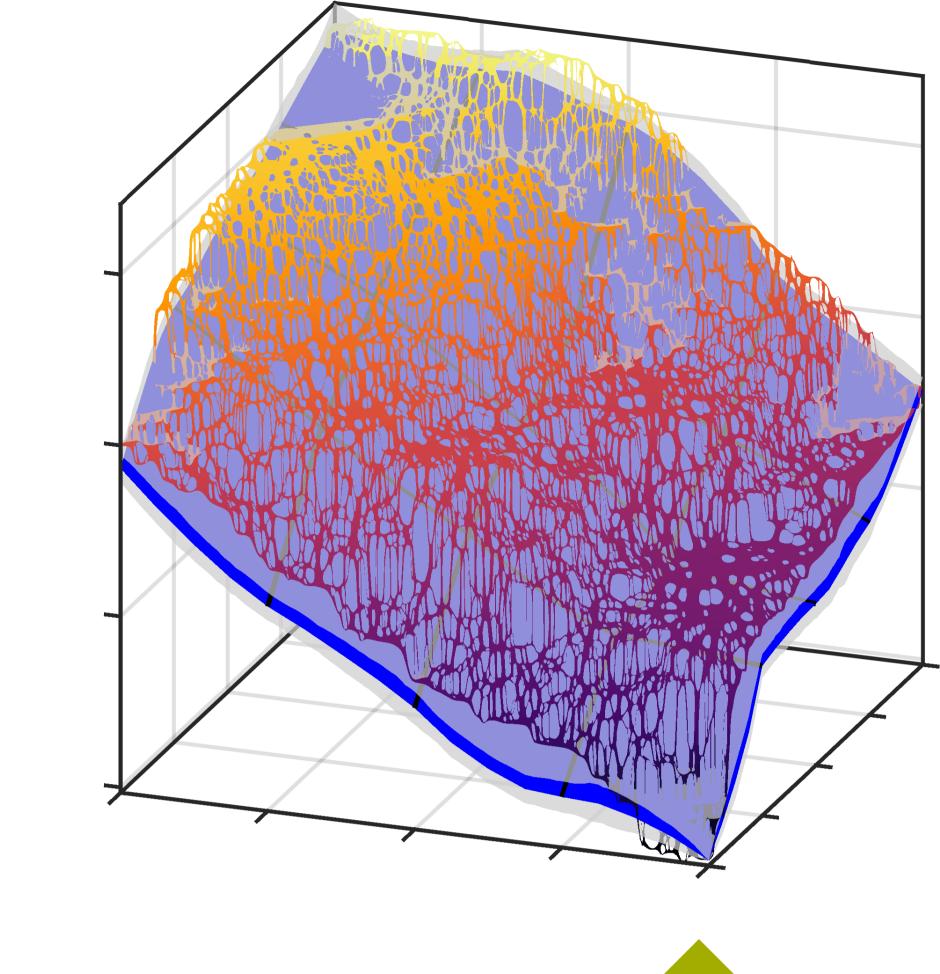
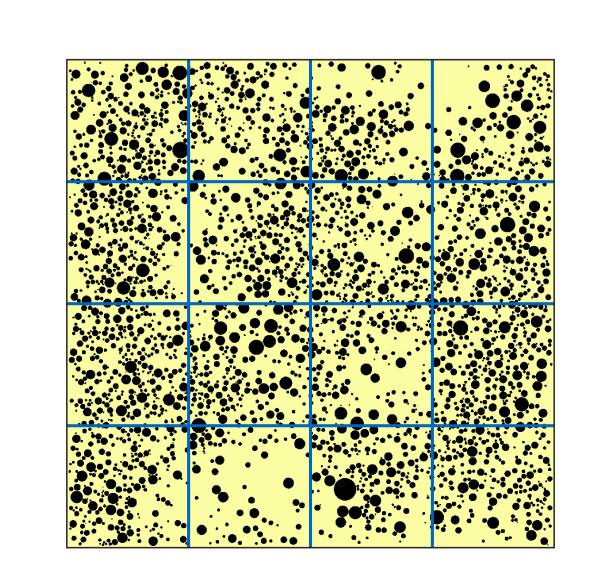
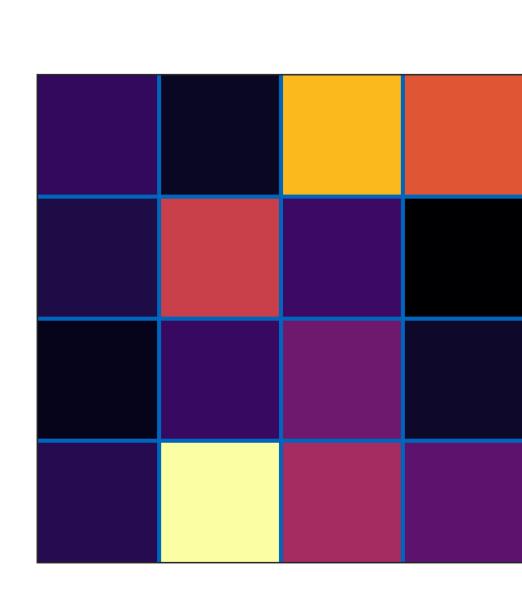


Expensive FOM $\mathbf{u}_f(\lambda_f)$



Encoding - Dimension reduction $p_c(\boldsymbol{\lambda}_c|\boldsymbol{\lambda}_f,\boldsymbol{\theta}_c)$





reduced physics model $\mathbf{u}_c(\boldsymbol{\lambda}_c)$

