Appendix

Collected Color Plates
Color Plate 1. The first component of the flux $a(x/\varepsilon)\nabla u^\varepsilon$ obtained by the generalized FEM based on oversampling (top) and by scale resolution (bottom); $\hat{Q} = (0, 2\pi)^2$, $\varepsilon = 1/(40\pi)$. (See Fig. 7 on page 227.)
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