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Undine Leopold* (undine.leopold@gmail.com). *Discrete symmetry and surfaces – from the abstract to the concrete.*

Given a discrete group G acting on a closed surface S , how can we visualize some, or all, of this action? Various authors have explored this question of realizing symmetry. In this talk, I will give a short overview and highlight some recent results, ranging from highly symmetric maps on surfaces, over surfaces immersed symmetrically in Euclidean 3-space, all the way to (finite) polyhedra of higher genus with high symmetry. (Received January 28, 2020)