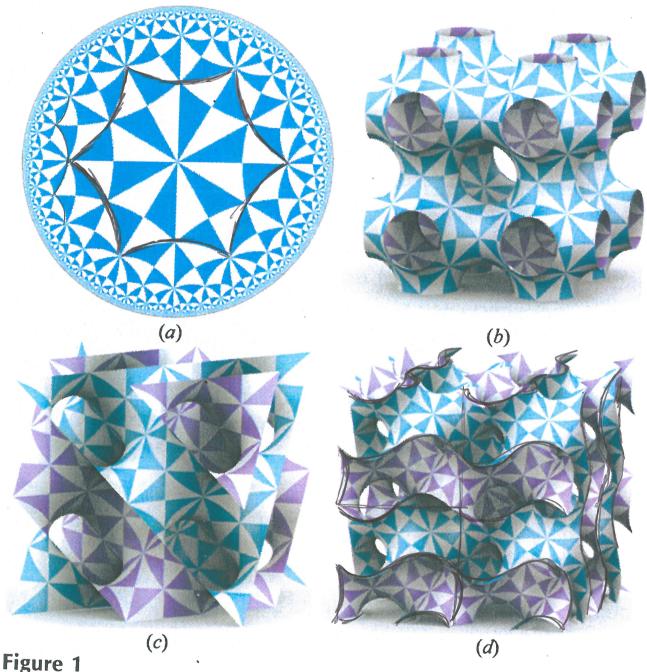
edges form 'forests' (i.e. collections of trees). These have been explored to a limited extent previously (Hyde & Ramsden, 1999; Hyde & Oguey, 2000; Hyde & Ramsden, 2000b,c; Hyde, Larsson et al., 2003; Hyde, Ramsden et al., 2003; Hyde &



(a) $\star 246$ tiling on the Poincaré disc model of \mathbb{H}^2 . The cubic genus-3 TPMSs, (b) P surface, (c) D surface and (d) G surface. All are covered by the same triangular tiling, and an orientation preserving subgroup of $\star 246$. The blue and purple colours show the two distinct channels of the surfaces.