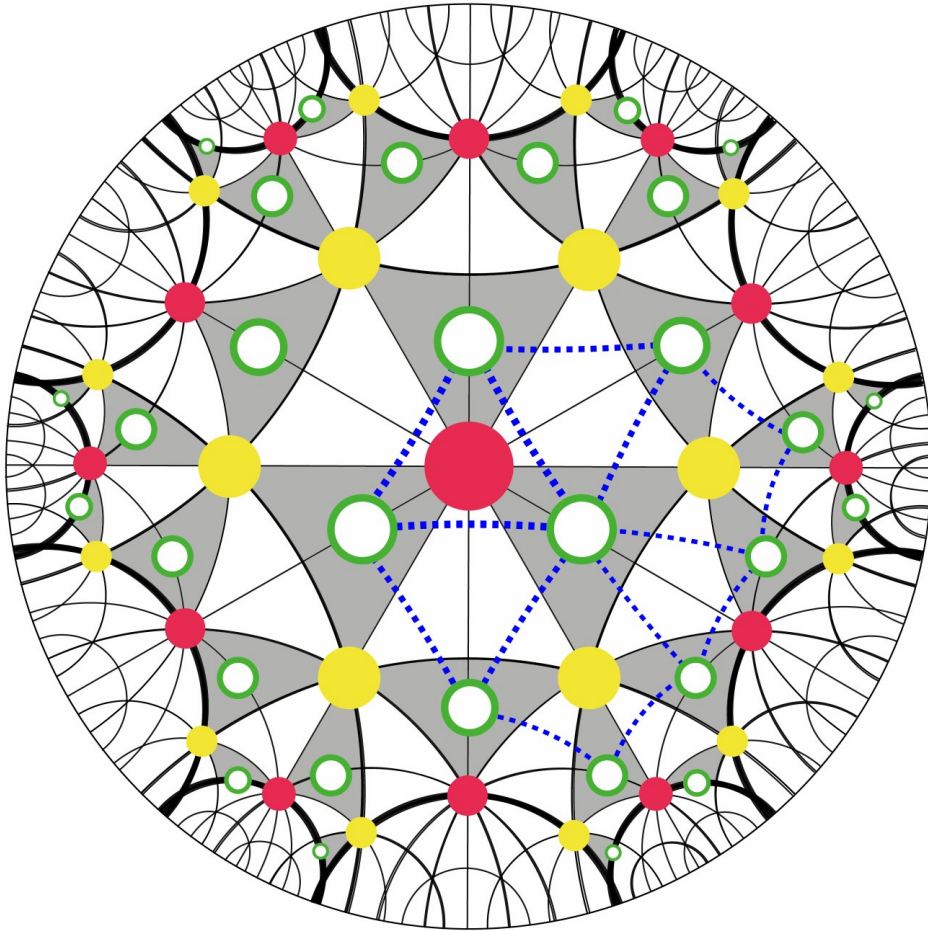# Symmetry of crystals and minimal surfaces

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Tiling on Poincaré disc

I am a mathematician working in group theory. My interest range from representation theory of groups to the mathematical study of symmetries of geometric structures appearing in the realm of nature such as liquid crystalline matters, surfactants, mitochondria, pigment cells of retina, chloroplasts, butterfly wing scales, etc.

Keywords : group theory, minimal surfaces, gyroid surfaces, Laves' graph, softmatter