Adinkras: Pictures of supersymmetry and its friends
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An Adinkra is a kind of decorated graph, motivated by the supersymmetry algebra in particle physics. For physicists, it provides a visual and accessible way to understand the subject. But independently of this, Adinkras are interesting diagrams to study and play with. Most recently, Adinkras have been seen to naturally embed in surfaces, and this not only sheds light on Adinkras, but also provides new ways to construct interesting surfaces.