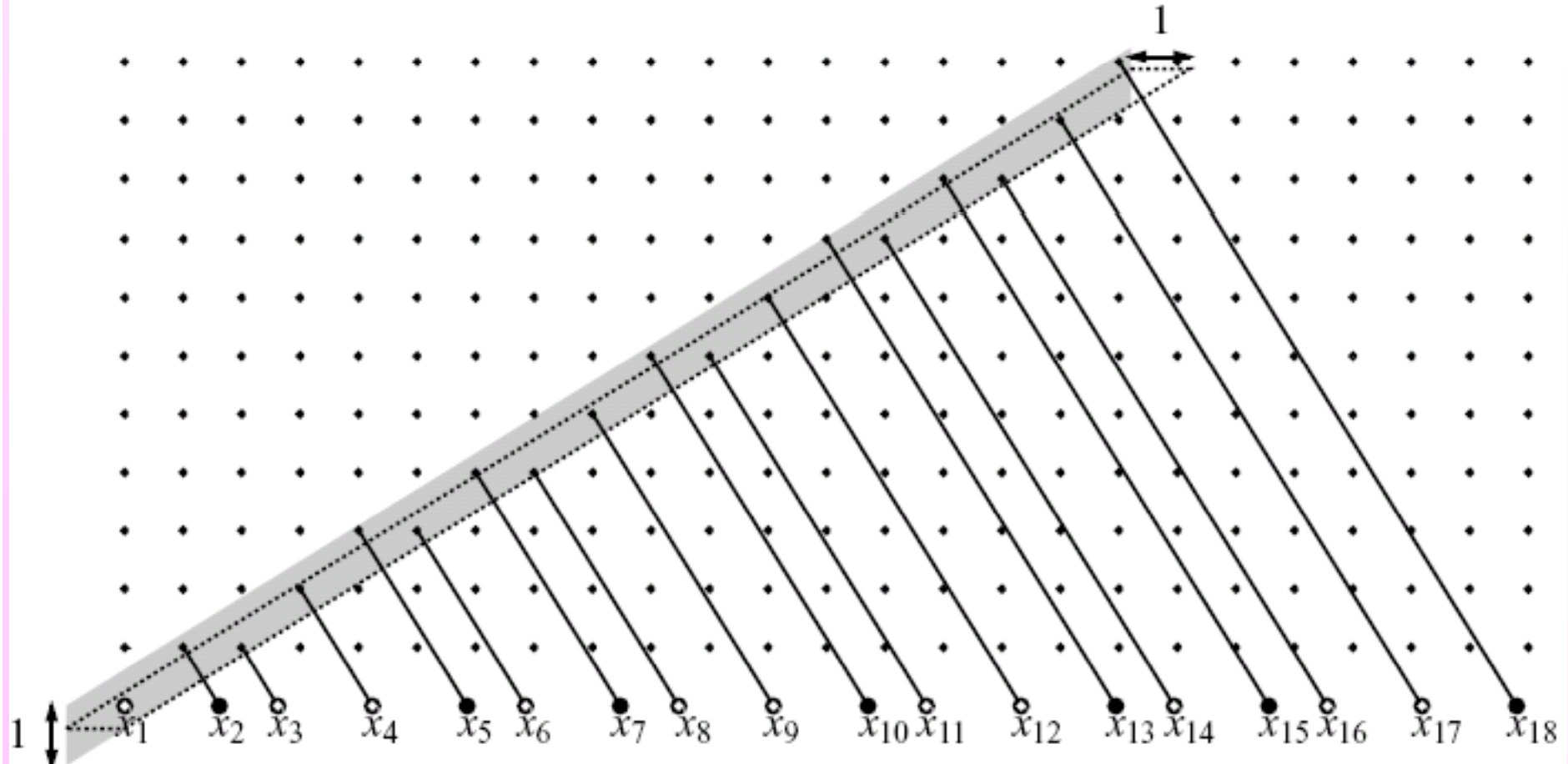
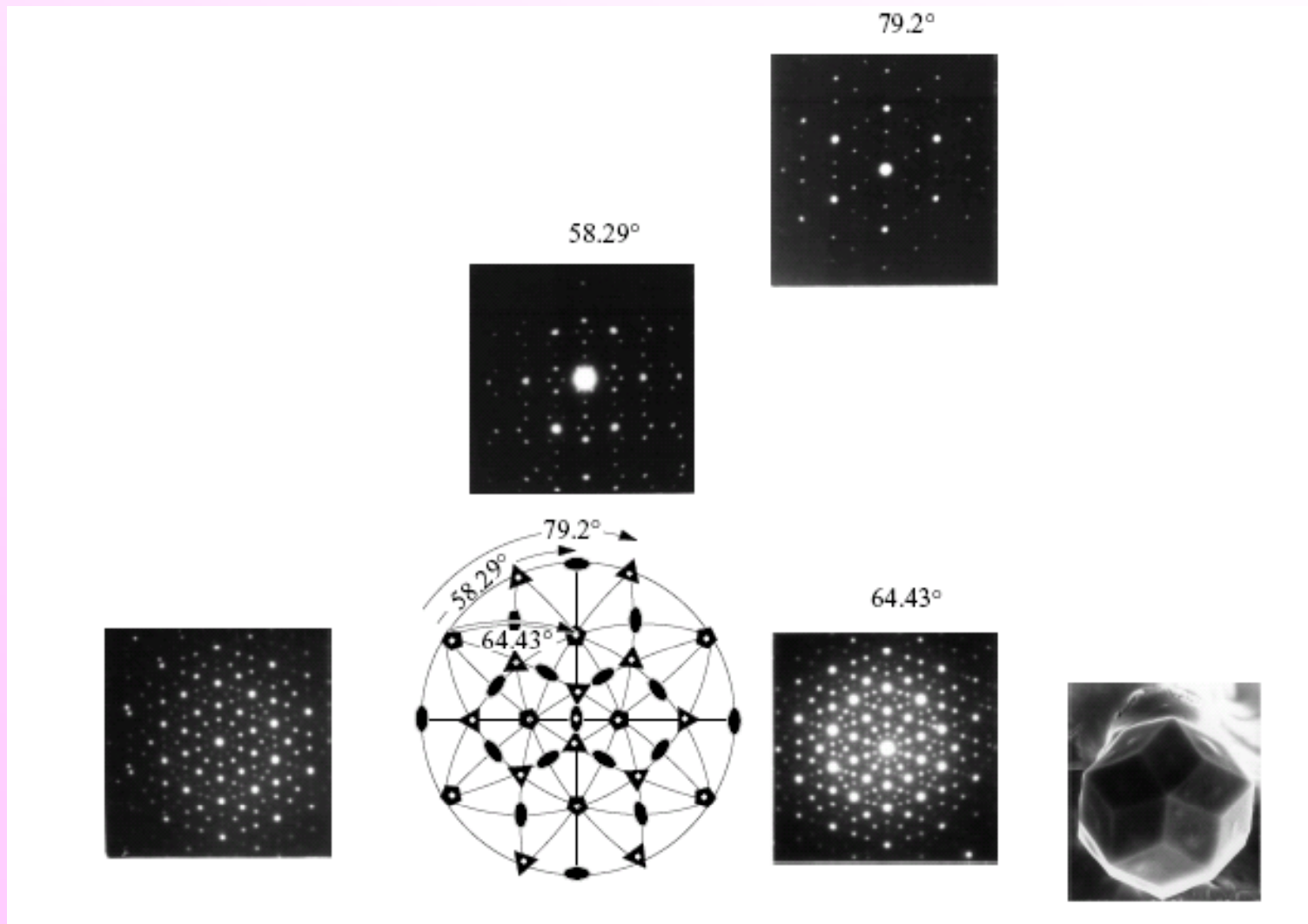


One dimensional Quasicrystal

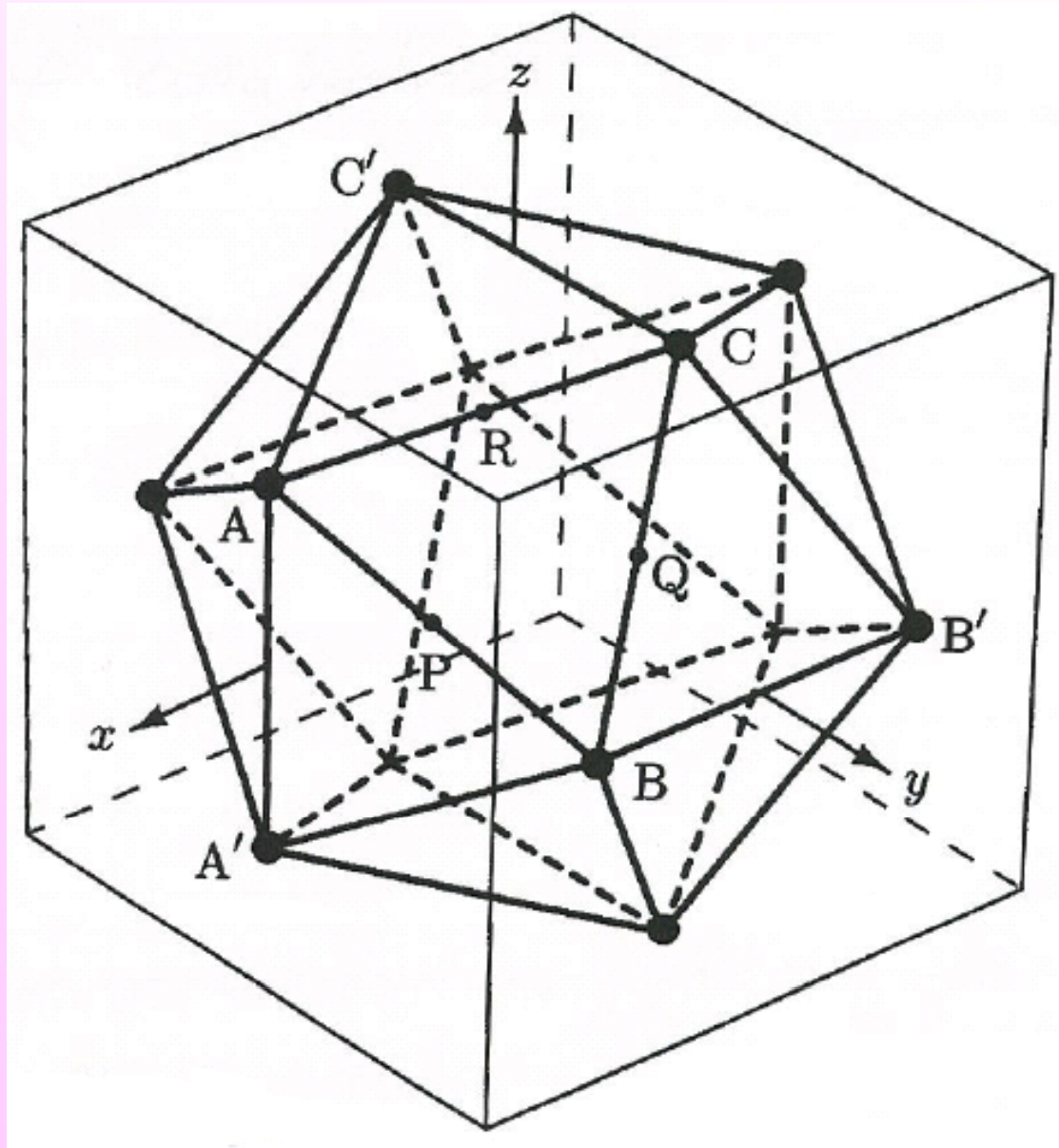


Quasicrystal

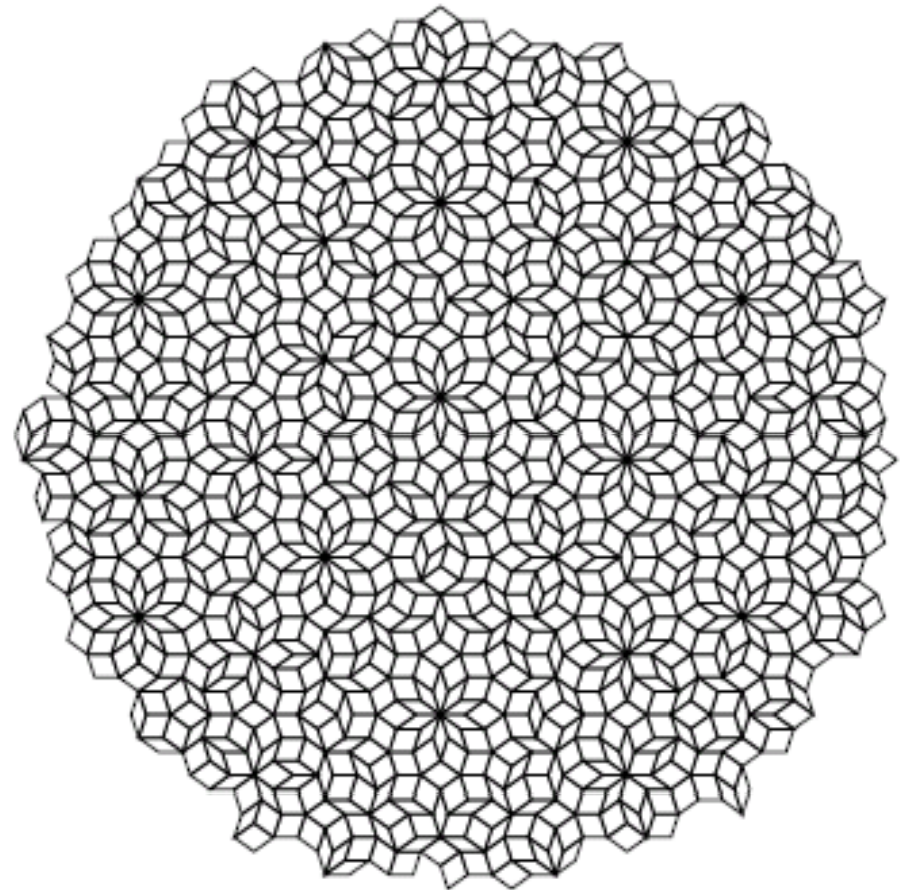
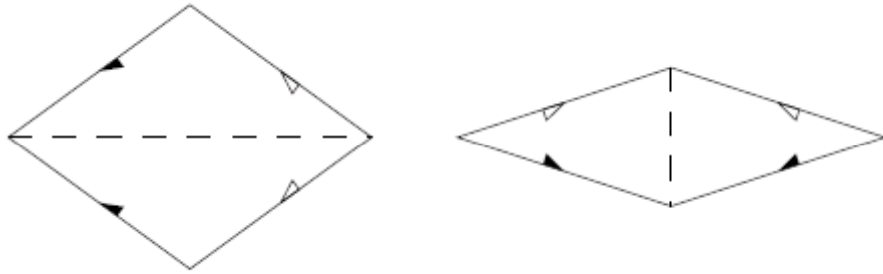
Schechtman et al. PRL53, 1951, 1984



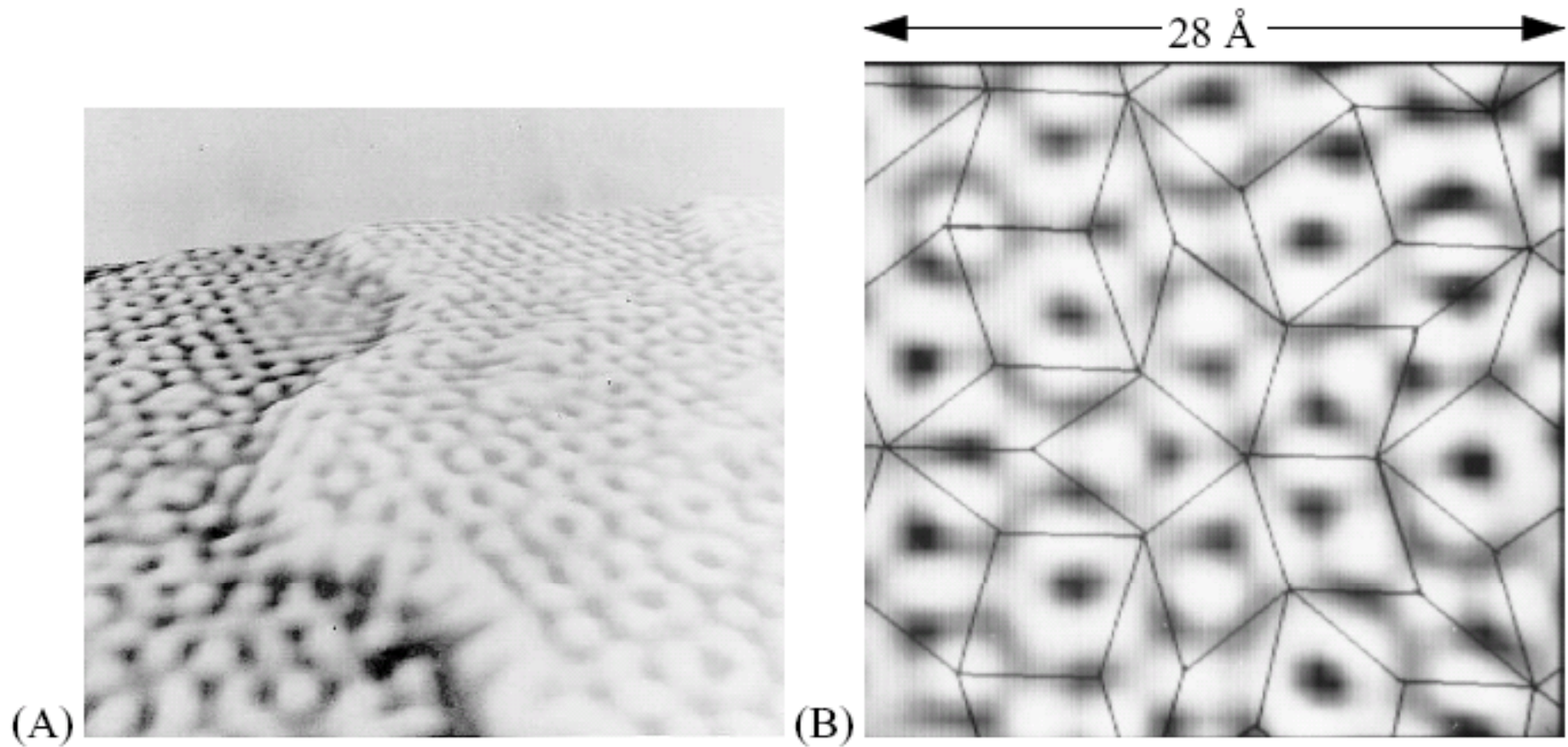
Icosohedron



Penrose Tiling

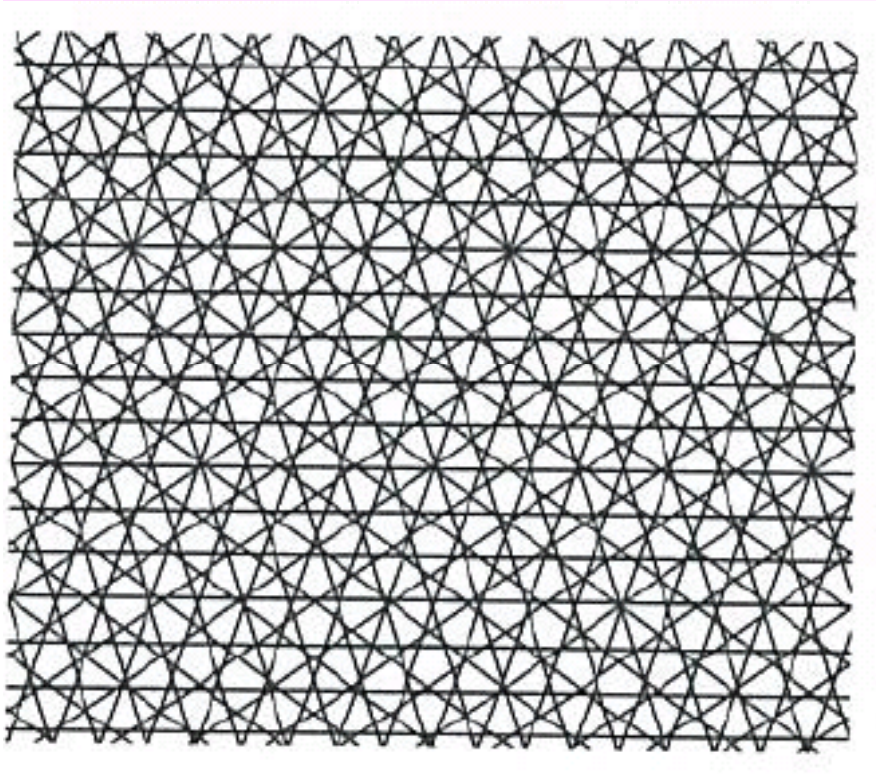


STM image of $\text{Al}_{65}\text{Cu}_{15}\text{Co}_{20}$

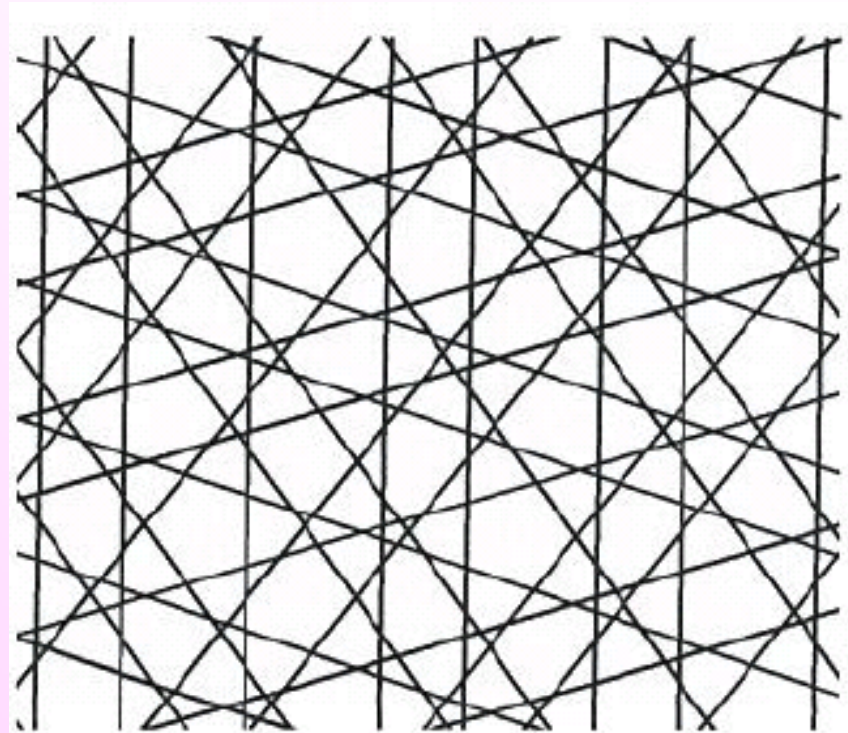


Kortan (1996)

Five-fold symmetric grid



Equal spacing



Quasi-periodic spacing

Penrose Tiling with decoration = Ammann lattice

